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THE CHEMICAL MARKET AUTHORITY

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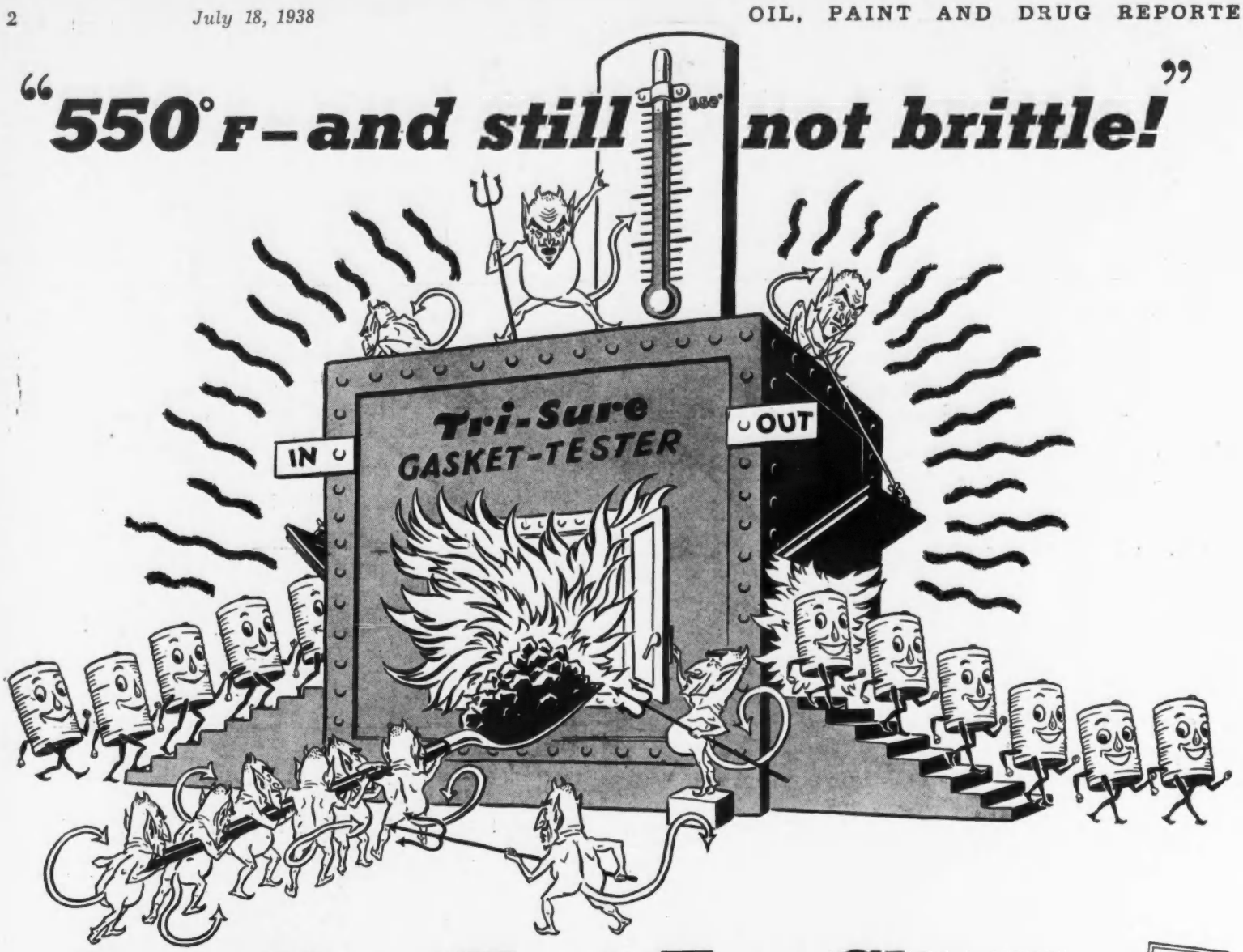

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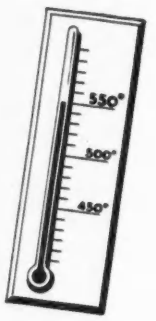

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Oil, Paint and Drug Reporter

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Volume 134 JULY 18, 1938 Number 3

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Venezuela Tariff Bargain Nears

Project Revived and Hearings Will Be Opened August 15 —Excise Taxes Involved

OPD Washington Bureau
July 12, 1938

The Department of State today issued formal notice of its intention to negotiate a tariff bargain (reciprocal trade agreement) with Venezuela. Preliminary announcement was made October 26, 1937, and the project has been dormant since then. Interested parties may file briefs up to August 6, and public hearings will open in Washington August 15.

The department issued its customary list of articles imported from Venezuela, which may be the subject of duty cuts or binding on the free list, with the usual statement that only articles on the list will be considered, but inclusion of a commodity on the list does not necessarily mean that it will be the subject of a concession. The list includes crude petroleum and fuel oil, imports of which are subject to an excise tax of ½ cent per gallon. Gasoline is not mentioned. Since there is a legal controversy over the power of the Department of State to reduce an import excise tax which is technically not a customs duty, it is significant that the department's announcement included the statement:—

In the event that articles which are at present regarded as classifiable in the descriptions included in the above list are excluded therefrom by judicial decision or otherwise prior to the conclusion of the agreement, the list will nevertheless be considered as including such articles.

—Continued on page 31

Phosphate Mining Lease Grants Suspended

OPD Washington Bureau
July 12, 1938

Suspension until further notice of activities in connection with the granting of phosphate mining leases on the public domain, involving primarily 2,000,000 acres in Florida, Idaho, Montana, Utah and Wyoming, was ordered today by Harold L. Ickes, Secretary of the Interior.

Secretary Ickes explained that continual drain upon the privately owned supply of the fertilizer material in Tennessee and Florida, rendered imperative the move for protection and development of the phosphate-bearing land on the public domain in the west. While the order will not affect leases in existence, it was explained that no further phosphate mining leases will be

—Continued on page 50

N.L.R.B. Absolves General Chemical Co.

OPD Washington Bureau
July 15, 1938

In a two-to-one decision, the National Labor Relations Board today dismissed an unfair labor practices complaint against the General Chemical Company, Baltimore. Charges against the company, upon which the board's original complaint was based, were filed by District 50, United Mine Workers of America, Gas By-product Coke and Chemical Workers, Local 12031, an affiliate of the Committee for Industrial Organization.

Today's action of the board overruled findings and recommendations of a trial examiner who found the company had violated section 8 (1), (2), and (3) and section 2 (6) and (7) of the national labor relations act.

The board found that the company had not interfered with the formation or administration of any labor organization or contributed financial or other support to it within the meaning of the act; nor had it discriminated in regard to the hire and tenure of employment of George Wicklein or Francis Walters because of their membership in a labor organization, as alleged in the complaint against the company. Discharge of Wicklein and Walters, both temporary workers, was occasioned primarily by slack business.

Complaint that the company had aided in forming the employees union turned on the activities of Adolph E. Ingley, head operator in the heavy chemicals department, and Thomas Myers, head operator in the insecticide department. The activities involved on the part of these men were reviewed by the board as follows:—

During the middle of April, 1937, these two workers began to solicit membership in the employees union. This was about a week after the C.I.O. union, then known as the United Chemical Plant Workers Union of America, held its first meeting. Sometimes organizing on company time and property, although admonished by foremen not to do so, the two men soon succeeded in getting a group together, and during the latter part of April were elected president and vice-president, respectively, of the organization. No meetings were held on company property; a constitution and by-laws were adopted at the third or fourth meeting; and dues and initiation fees were fixed.

June 10, 1937, Ingley addressed a communication to the company, stating that since the employees union had 101 paid members and thirteen signed applications it requested sole bargaining right as well as certain adjustments in pay, vacations, and other working conditions. June 21, Edward R. Raymond and J. Frank Bender, the latter organization director for the C.I.O. in Maryland, had a meeting with the plant superintendent, regarding a collective bargaining agreement with the U.M.W.A. They were told that Henry B. Landeau, director of operations, would

—Continued on page 30

Trust-Probing Commission Selects Lines of Inquiry

OPD Washington Bureau
July 14, 1938

General plans for the "monopoly probe" are being shaped up by the Temporary National Economic Committee composed of six members of Congress and representatives of six executive agencies of the government.

Several members of the committee have repeatedly stated that the inquiry into monopolistic practices and concentration of economic power will be objective and will be aimed at developing recommendations for new legislation rather than at uncovering violations of existing antitrust laws. No detailed plans have yet been announced, but it is expected that the cooperating governmental agencies will begin statistical studies and preliminary field work and that hearings will not be scheduled until some time in the Fall.

An executive committee has been designated to coordinate the work during the Summer, and the committee named as its executive secretary Leon Henderson, economist in the Works Progress Administration.

The congressional members have been paired off with those from the executive agencies to advise and check on their preliminary studies: Senators Borah and King with the Department of Justice and Federal Trade Commission; Senator O'Mahoney with the Securities Exchange Commission; Representative Sumners with the Treasury Department; Representative Reece with the Department of Commerce; and Representative Eicher with the Department of Labor.

Among other subjects, the Department of Commerce will make a study of the relationships between large and small business units, their competitive status and relative efficiency. The S.E.C. will begin its work with an investigation of the investment policies of insurance companies and the control, if any, which such large institutional investors exercise over the management of companies whose securities they hold. The Federal Trade Commission is expected to make a study of the operation of the Clayton, Robinson-Patman, and Tydings-Miller laws.

In a radio speech this week Chairman O'Mahoney outlined five general lines of inquiry for the committee, as follows:—(1) Agreements among competitors dividing up sales territories; (2) interlocking directorships and control of corporations by institutional investors and security underwriters; (3) trade association activities and the dividing line between association activities which are of public benefit and those which suppress competition to the detriment of consumers; (4) control of patents to surpress competition; (5) problems of over-capitalization of corporations, use of subsidiary companies, and relationship between management and investors.

Rowe Succeeds Cornish On N.P.V.L.A. Board

Chicago, July 14, 1938

At its meeting in the Palmer House here today the executive committee of the National Paint, Varnish and Lacquer Association elected Harold Rowe,

Harold Rowe

vice-president of the National Lead Company, New York, to succeed the late Edward J. Cornish as a member of the committee for the term ending in 1939.

The committee adopted a resolution in memory of Mr. Cornish, to be presented to his sister, Mrs. A. V. Metcalf.

Charles J. Roh, treasurer, reported finances of the organization were in good shape. Dr. H. A. Gardner, director of the scientific section, reported on work recently completed.

A subcommittee, consisting of Ernest T. Trigg, Charles J. Roh, and Weyland Rice, was named to handle matters in respect of the headquarters building in Washington in connection with the purpose of the War Department to use the site for contemplated buildings.

The committee devoted some time to a discussion of the wage and hour law.

The Branley Machinery Corporation, New York, was elected to membership in the association. It will be represented by B. M. Halpern, vice-president.

Those in attendance were:—

Ernest T. Trigg, president of the association; Charles J. Roh, of the Murphy Varnish Company, treasurer; Reuel W. Elton, secretary; H. A. Gardner, director of the scientific section; Marshall L. Havey, of the New Jersey Zinc Company; George A. Martin, of the Sherwin-Williams Company; Wells Martin, of the Martin Varnish Company; Samuel R. Matlack, of George D. Wetherill & Co.; H. A. Melum, of Benjamin Moore & Co.; Elliott S. Phillips, of the Devoe & Raynolds Company; J. Vincent Reardon, of the Reardon Company; Weyland Rice, of the U. S. Gutta Percha Paint Company; C. N. Seidlitz, of the Seidlitz Paint & Varnish Company; Frank L. Sulzberger, of the Enterprise Paint Manufacturing Company; H. E. Webster, of Pratt & Lambert, Inc.; Val Wurtele, of the Minnesota Linseed Oil Paint Company; William M. Zintl, of E. I. du Pont de Nemours & Co.

Lead and Zinc Pigments Sales Show Slight Decrease for 1937

The lead and zinc pigments industries during 1937 showed greater total values of sales for both classes, but, unlike many commodities, neither class increased in total quantity. Lead pigments, as a whole, declined 9 percent in quantity but increased 4 percent in value, while zinc pigments fell 5 percent in quantity and gained 1 percent in value, according to the Bureau of Mines.

Because of the increased popularity of leaded zinc oxide containing a higher lead content, sales of this pigment continued at approximately the peak level of 1936. The basic lead sulphate figures shown in this report are exclusive of the quantity used in the manufacture of leaded zinc oxide, which amounted to nearly 5,000 tons in 1937.

Litharge made a good showing in 1937, the quantity sold in that year being only 5 percent below the peak level in 1929. Sales of litharge to manufacturers of insecticides have increased rapidly in recent years and they established a new high record in 1937. Data on zinc chloride are not available because of the refusal of one of the larger producers to supply reliable figures. The lithopone producers report an annual production capacity of 231,000 tons.

Imports of lead pigments are negligible. Exports of white lead decreased from 1,862 tons in 1936 to 1,236 tons in 1937; those of red lead increased from 810 tons to 934 tons; and litharge from 1,386 to 1,452 tons.

Imports of zinc oxide fell from 790 tons in 1936 to 775 tons in 1937; while those for lithopone increased from 4,781 tons to 5,601 tons; and zinc sulphide from 30 to 113 tons. Imports of zinc chloride rose from 520 tons to 667 tons and those of zinc sulphate from 385 to 593 tons.

Export shipments of zinc oxide totaled 2,953 tons in 1937 compared with

—Continued on page 37

Pigment Standards Proposed by A.S.T.M.

Several new tentative standards for paint materials were accepted by the American Society for Testing Materials in its annual meeting, July 1, on the recommendation of its committee D-1 on paint, varnish, lacquer, and related products. These included specifications for aluminum pigment paste for paint, c. p. para red toner, c. p. zinc yellow (zinc chromate), titanium dioxide pigments, and zinc sulphide pigments. New methods of sampling and testing aluminum powder and aluminum paste—concurrent with this there was the withdrawal of the standard method of test for determination of polishing lubricant in aluminum powder for paints (aluminum bronze powder) (D 306-31)—and a new method of test for reactivity of paint liquids were also accepted for publication.

An important change was made in the report of the committee involving the withdrawal of the proposed specifications for interior flat paint. A number of criticisms of the specifications were received, and the commitee wishes to give further consideration to these be-

—Continued on page 38

Closing Market Developments

Tin Salts Steady

Prices for various tin derivatives remained steady later in the week, and prices held at previous levels. Anhydrous tetrachloride of tin was 22c. per pound; tin crystals 34½c. to 35c. per pound and soda stannate 29c. to 32c. per pound. Straits metal was around 43.20c. per pound.

Cottonseed Oil Firm

Refined oil futures were firm late in the week, the trend of prices being upward on Friday with local trades and commission houses buying. September closed at 8.78c. and December at 8.77c. Southern markets for cottonseed products were firm.

Senega Root Lower

Because of lower cost in the primary market, quotations on senega root on spot were reduced to the basis of 47c. to 50c. per pound, prevailing according to dealer and quantity.

Foreign Trade Rules

Information recently published by the Department of Commerce on foreign tariff and related trade regulations include the following:—

Cuban Imports. — Merchandise purchased from various factories in the United States and shipped to Cuba by jobbers would comply with the new Cuban marking of origin requirements if it bears the registered trademark of the shipper or his name and address.

Egg Yolks.—A German ordinance provides for duty-free importation of inedible fluid, frozen, salted and dried egg yolks and eggs without shell, all these being otherwise dutiable at 65 reichmarks per 100 kilos unless coming under the most-favored nations.

Essential Oils.—A Finnish government decree provides, until the end of 1938, increased import duties on various essences, essential oils and perfumery products.

Gasoline:—Brazil has established a road tax on gasoline, mineral lubricating oils and mineral fuel oils when destined for use in the State. The tax amounts to 0.210 milreis per kilo on gasoline; 0.200 milreis per kilo on lubricating oils, and 0.050 milreis per kilo on mineral fuel oils.

Toilet Preparations.—Various toilet preparations containing alcohol will be dutiable in Netherland Guiana at the rate applicable to alcoholic products unless the alcoholic content is denatured in the manner prescribed by Netherland regulations or by another method satisfactory to local authorities.

Drug Law Study By Joint Groups Urged

Approval of a proposal looking to the formation of a joint group in which grocery manufacturers, canners, wholesalers, retailers and other trade interests could discuss problems arising from the new Federal food, drug and cosmetic act and the Wheeler-Lea law covering advertising was given at a meeting of the Associated Grocery Manufacturers of America, held in the Waldorf-Astoria, this city, July 12.

Charles Wesley Dunn, counsel to the grocery manufacturers association, was the principal speaker at the meeting. Mr. Dunn said that the grocery manufacturers, through their association, were seeking to insure that State pure food laws, which may be amended to conform to the Federal measure, follow the new act in language and definition as closely as possible. The group is now working, he said, on a model law which it hopes to have adopted by the various States.

Andrews Named Administrator Of Federal Wage-Hour Law

Elmer F. Andrews, industrial commission of New York, will be made administrator of the Federal wage and hour law. Mr. Andrews, it is reported, was asked on behalf of President Roosevelt to accept the post a few days ago, and has agreed to do so. He has been active in the promotion of minimum wage legislation and has been administrator of the social security legislation of this state.

Chemical Prices Still Going Up

The upward trend of prices in the markets for heavy and fine chemicals was repeated last week, the influence being variously exerted. An advance in the price of crude iodine, carried through a large number of derivatives, was the main feature. Corn products were higher.

The pace of business was moderately good. The spottiness was a little more consolidated, and some of the bright spots showed increased luminosity. There was further diminution of gloom in the general sentiment.

Prices were advanced on iodine and iodides and other derivatives, Straits tin, tetrachloride of tin, corn dextrin, cornstarch, calcined magnesia, menthol, cocoa butter, gum turpentine, one Manila copal, leaded zinc oxide, dried blood at Chicago, menhaden scrap, Japanese sardine meal, imported dicalcium phosphate, domestic and imported bone, imported castor pomace, domestic tankage, and imported nitrogenous fertilizer stuff. Prices were reducd on silicofluoride of ammonia, pyrophosphate of soda, powdered selenium, quicksilver, gum rosin, butyl acetate, butyl alcohol, and Singapore dammars.

The REPORTER'S composite index number of prices for heavy and fine chemicals ascended farther to 125.9 (100 = average at August 1, 1914). In comparison with average prices in 1926 (as 100), the REPORTER'S index number is now 89.1, compared with 90.0 at this time last year and 88.6 in 1936.

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OPD Forum

An Outlet for Individual Opinion

(Anonymous communications will not be recognized; but publication of a signer's name will be withheld at request.)

Glycerin in Europe

To the Editor,
OIL, PAINT AND DRUG REPORTER.
Sir:—

While the general business position in the United States appears to have definitely emerged from the "Slough of Despond," European trade opinion is still hesitant about the probability of a speedy revival of the glycerin markets in the principal consuming centers on this side of the Atlantic. Some experts hold the view that there still exist considerable stocks of soaplye and saponification crude glycerin in Europe, which have to be shipped abroad in order to relieve the market position here; while also the refined dynamite and pharmaceutical grades are now under the threat of unfavorable factors.

During the severe price slump of oils and fats which occurred in 1937-38 soapmaking was, on the whole, proceeding on a large scale, while the by-product (glycerin) was rarely run into the drains, because the hope was entertained that the demand for refining purposes, especially in this rearmament period, would eventually make itself felt. As a matter of fact, however, the use of glycerin for making industrial and military explosives is now largely being ousted by sodium chlorate and other compounds despite the heavy fall of the refined quotation on the "open markets" from its summit reached toward the end of the last year when industrial white (heavy gravity), s. g. 1.260, attained the level of £98 per ton in 5-ton lots, compared with the present level of some £73, to which it has been keyed since April, 1938.

In the highly competitive field of antifreeze compounds, ethyleneglycol is still holding its own, and the manufacture of this synthetic product holds out good prospects for the future insofar as its main uses in antifreeze compounds, in lubricants, and in the refrigerating industry have been extended to the paint industry and to lithographic printing, among others. The examples of definite developments of glycol in recent times are by no means limited to Germany and other European countries or to the United States; for even in Japan a growing number of explosive makers are turning to ethyleneglycol as a raw material.

Although glycerin is still extensively used in glyptal type synthetic resins, accumulators, cigaret tobacco, cleaning, and other new avenues, the danger of overproduction of this lye is always looming in periods of cheap oils and fats; while on the other hand the former export embargoes which were placed by some countries in the course of the rearmament campaign have in the meantime been mitigated as a sequel to larger soapmaking activities, and the American glycerin position which normally forms the key to the international position of this commodity still leaves a lot of problems to be solved. Particularly the fact that glycerin exports from the United States during the first quarter of the current year were nearly fivefold those in January-March, 1937, whereas American imports lagged far behind the level of 1937, is at the very least not reassuring. Again, also American stocks of crude, dynamite, and chemically pure glycerins have shown a big increase of late.

It is small wonder, then, that the attitude of the trade with respect to the next developments of the international glycerin markets still remains reserved. The present price relation of 80 percent soaplye basis glycerin (10-20-ton lots) to industrial white glycerin (5-ton lots) in London is regarded here as adequate for the time being. The present ratio is in the order of some 1:2, or in figures, £36 to £73 per ton.

Those in touch with this trade branch have always to fight shy of the frequent market anomalies owing to the essential character of glycerin as a compulsory by-product and on the other hand to a very irregular balance of supply and demand. The time is not so far back when crude glycerin was dearer than the refined grades. Toward

—*Continued on page* 38

Cube Insecticide Licenses Granted

The American Cube Syndicate, Milwaukee, Wis., has issued licenses for the use of cube as an insecticide, under the provisions of the Dennis patent, to R. J. Prentiss & Co., this city; John Powell & Co., this city; the Hammond Paint and Chemical Company, Beacon, N. Y.; and to Derris, Inc., with the license of the latter company covering the use of the product by McCormick & Co., Baltimore, and Dodwell & Co., Ltd., this city.

Issuance of licenses followed the payment of an aggregate amount by those companies for infringement of the Dennis patent in the past, together with an agreement for a royalty on subsequent sales.

The validity of the Dennis patent was upheld June 3, 1938, by Federal Judge Geiger, in a suit brought by the inventor, Walter J. Dennis, and the licensees, the American Cube Syndicate, and Frank S. Stamberg, doing business as the American Crop Protection Company, against the Agicide Laboratories, Milwaukee.

The conclusion of the law regarding the Dennis patent, which was reissued November 22, 1932, was as follows:—

1. Claims 1, 2 and 4 of the Dennis patent reissue No. 18,667 are valid and infringed by the defendant's product.

2. No estoppel by contract exists which would prevent the plaintiff Stamberg from enjoying the benefit of this decision against the defendants.

3. Plaintiffs are entitled to a decree holding the patent in suit valid, and infringed by defendants as to claims 1, 2 and 4, and to an injunction restraining the defendants, their agents and employees, from further infringing said patent, and for an accounting for profits and damages, and for costs.

The 1, 2 and 4 claims of the Dennis patent are:—(1) An insecticide and vermifuge comprising ground cube root with the fibrous element removed. (2) An insecticide and vermifuge comprising an extract of cube. (4) An insecticide and vermifuge comprising concentrated extract of cube and a carrying agent.

Arbitration Contract Binding on Nonsigner

Arbitration agreements, the appellate division of the supreme court of this State has ruled, are binding on a buyer even though he has not signed them. The arbitration law, the court said, requires only that the arbitration contract be in writing and does not require that it be signed by both parties.

This interpretation of the arbitration law was given by the appellate division July 12 in an action brought by a seller to compel arbitration of a dispute with a buyer to whom the seller had sent contracts calling for such settlement. The seller had received nine orders for textiles from the buyer by telephone. The orders were confirmed by sales notes signed by the seller and sent by him to the buyer, which provided for arbitration of disputes in the transactions.

There were no disputes with respect to six of the orders. Under the other three, the buyer was alleged to have refused to give shipping instructions and to have failed to pay the invoices when they fell due. When the seller asked for arbitration in respect of these three transactions the buyer refused, and his contention in court was that he was not bound by the agreements because he had not signed them. The lower court agreed in this and dismissed the action.

Reversing this decision and remanding the case for trial of the validity of the particular contracts involved, the appellate division, in a four-to-one decision, held that the statute of frauds might not be pleaded in bar of the motion to compel arbitration, and opined:—

A party by receiving and retaining without objection under certain circumstances a written contract, signed by the other party may be held bound by the terms of such writing though he himself has not signed. Under this rule the respondent here may be found to be bound on the contracts.

H.B. duPont Appointed Assistant to Lammot duPont

Wilmington, Del., July 14, 1938

H. Belin duPont has been appointed assistant to Lammot duPont, president of E. I. duPont de Nemours & Co. He fills the vacancy caused by the death of B. Dorrance Beyea. H. Belin duPont, a nephew of Lammot duPont, has been affiliated with the company's engineering department.

F.T.C. Charges Hit Glass Manufacturers

Four companies engaged in the sale and distribution of glass and in the glazing contracting business, and two organizations of union glaziers, have been charged in a complaint issued by the Federal Trade Commission with conspiring and combining to adopt and maintain certain monopolistic prices, policies and sales methods in the St. Louis area. The respondents are:—

The Pittsburgh Plate Glass Company and Frank Clarke, manager of its St. Louis branch; the Nurre Companies, Inc., Bloomington, Ind., and its St. Louis branch manager, Belmont W. Beinke; the Burroughs Glass Company, St. Louis, and Leo Hadley, jr., manager; District Council No. 2, Brotherhood of Painters, Decorators and Paperhangers of America, and its secretary, Lawrence

—*Continued on page* 38

Ickes Bar Upheld Against Ex-Employee

OPD Washington Bureau
July 11, 1938

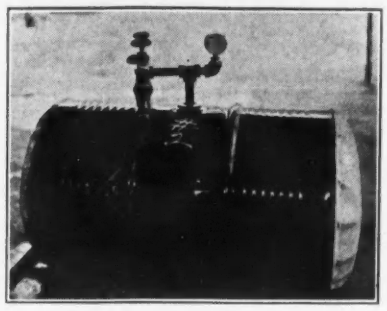
Justice Jennings Bailey of the United States District Court for the District of Columbia has refused to issue an injunction against the Secretary of the Interior, Harold L. Ickes, restraining him from enforcing an order preventing former employees of the department from practicing before the department for a period of two years after leaving government service.

The injunction was sought by John D. Glass, formerly chief investigator for the Petroleum Administrative Agency, which has charge of enforcing the Connally "hot oil" act. Mr. Glass resigned to practice law at Tyler, Texas, and attempted to appear before the Federal Tender Board Number 1 on behalf of an oil producer accused of violating this law. He contended that he had no knowledge of Mr. Icke's order at the time he resigned and that the order was not enforced against other employees. He also contended that the tender board is not properly a part of the Department of the Interior, but the court ruled that the law giving the secretary power to prescribe rules of practice before his department could be applied to Mr. Glass and to the tender board.

M.C.A. Drum Tests Prove Lighter Steels

July 1, by authority of the Interstate Commerce Commission, use of lighter-weight nonreturnable steel drums became permissible for the transportation of noncorrosive liquids. The newly authorized drums, which received I.C.C. approval late in March, are of 20-gauge body sheets and 18-gauge head sheets for the 55-gallon size and 20-gauge sheets in both body and head for the 30-gallon size.

These drums are the new I.C.C. classification 5E of not full-open-head type. They supersede the all-18-gauge steel



Drum in Hydrostatic Test at 50-Pound Pressure

drums previously authorized.

Approval of the new, lighter-weight drums was given by the Interstate Commerce Commission in response to a request filed with the Bureau of Explosives by the Manufacturing Chemists Association upon recommendation of a subcommittee of its committee on steel barrels and drums.

The Consolidated Classification Committee has approved similar changes in steel drums for the transportation of nondangerous liquids by a revision of rule 40, section 5C, issued in supplement No. 5 to Consolidated Freight Classification No. 12, effective July 1.

Based on Conclusive Tests

This recommendation of changes to lighter-weight steel drums was the outcome of a series of tests by the M.C.A. subcommittee of drums of authorized and lighter construction, from which it drew the following conclusions:—

1. The hydrostatic test, the drop test, and the impact test all show that the drums made of 18-gauge heads and 20-gauge side sheets, as well as the drums made of 18-gauge heads and 19-gauge side sheets, are entirely safe containers.

2. The drop test clearly shows that drums with 20-gauge side sheets can withstand as much if not more punishment of this type than the regular ICC 5E construction.

3. On the hydrostatic test all three constructions stood pressures of 36 pounds for three minutes without leaking. The pressure required to cause leakage in the 20-gauge side sheet drums was 73 pounds, which might be compared with the pressure specified under ICC container specification No. 5 of 40 pounds, and ICC 5E of 15 pounds.

4. On the impact test the all-18-gauge drums were somewhat superior to the other two constructions. It will be noted that failure occurred in every instance at the junction of the dent or depression with the depression caused by a previous drop. It is therefore considered that greater resistance to distortion of the 18-gauge sheets is responsible for this condition. It will be noted that a 20-gauge side sheet drum stood a single drop from a height of 6 feet without failing, thereby indicating that failure will probably not result unless two dents meet.

The three types of construction referred to in the conclusions from the tests were (A) 18-gauge steel in heads and body; (B) 18-gauge heads and 19-gauge body sheets; (C) 18-gauge heads and 20-gauge body sheets. Drums of these constructions made by four manufacturers were subjected to the subcommittee's tests. All types had heads crowned to a depth of ¾ to ⅞ inch and head seams lined with animal glue. They had a 2-inch opening in the body at the center and a ¾-inch vent in one head, the openings being fitted with mechanical type flanges with plugs having three threads engaged. The average weight of the A drums was 52 pounds; of the B drums, 47 pounds; of the C drums, 42 pounds. In undergoing the tests each drum contained approximately 460 pounds of water.

Tests and Their Results

In the hydrostatic tests water pressure was applied gradually, and at the point where the heads bulged to the plane of the chime the pressure was recorded. The pressure was then gradually increased to 36 pounds and maintained for three minutes.

The drums of the several manufacturers varied in the depth of the crown of the head below the chime. This variation in the A type drums was from ⅛ inch to ½ inch. The pressure required to bulge out these depths ranged from 2 pounds, for ⅛ inch, to 8 pounds, for ½ inch, averaging 5⅛ pounds for an average bulge of 17/64 inch.

The depth of the head below the chime in the B type drums ranged from

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Two Years of the Patman Act

A Survey of Efforts to Correct Price-Discrimination

By Mitchell M. Shipman
Counsellor-at-Law

Fifth Instalment

Discount Practices

—*Continued from July 11 issue*

Volume or Cumulative Discounts

Straight quantity discounts for purchases at one single time present little if any concern. There are, however, certain hybrid forms of quantity discounts which are most vulnerable to attack under the act. These are the so-called "volume" or "cumulative" discounts; that is, discounts given for specified quotas or minimums of purchases within a fixed period of time—a week, a month, or a year. The commission appears to be most dubious about the legal validity of such discounts, apparently feeling that such discounts can rarely, if ever, be justified by costs.

The commission has to date already issued a dozen or more complaints involving volume or cumulative discounts.[47] Thus in the Bourjois, Inc., complaint, the commission challenged a discount schedule which provided in addition to straight quantity discounts an additional 5 percent discount if total purchases for the year reached $500. The commission recently rendered a decision in one of these cases, complaint against the H. C. Brill Company, Inc.,[48] ordering the respondent to discontinue its volume or cumulative discounts. The commission, in its opinion, in support of its decision clearly sets forth certain basic thoughts in connection with volume or cumulative discounts. It points out that: ". . . a cumulative discount is sound only where savings have been achieved by the seller with respect to individual sales made to a particular buyer over a period of time, which savings were not reflected in the price at which the buyer purchased and which are reserved for the purpose of refunding at the end of a period of time."

The foregoing quotation from the commission's decision succinctly states the entire problem of volume or cumulative discounts. Justification on the basis of costs is the first prerequisite. Once the seller can justify the discount, then the commission will permit the seller to accumulate these discounts and pay them to the buyer at the end of the particular period. Any other basis apparently will not support cumulative discounts.

Mere Promotive Bonuses

The trouble with most volume or cumulative discounts is that they are

[47] Elizabeth Arden, Inc.; complaint No. 3133; H. C. Brill Company, Inc.; complaint No. 3299; Master Lock Company; complaint No. 3386; American Flange & Manufacturing Company; complaint No. 3391.

[48] H. C. Brill Company, Inc.; complaint No. 3299; cease and desist order issuer February 10, 1938.

—*Continued on page* 52

Organic Coatings On Metals Discussed

"Adherence of Organic Coating to Metals" was the topic of an interesting paper presented before committee D-17 in the recent annual meeting of the American Society for Testing Materials by A. E. Schuh, of the Bell Telephone Laboratories. Mr. Schuh pointed out that adherence losses are in most cases the result of a prolonged "tug-of-war" with a large number of competing forces and only in rare cases can a single, simple cause explain a given case. Usually it is attributable to complicated causes which frequently are not related to the initial strength of adhesional bond. The coating material may have degraded to such a point of weakness and brittleness that a slight impact or other external stress causes it to fall off. In other instances, a new and weekly-coherent interface may have developed as a result of high moisture permeability and thus destroyed the adherence of the finish. Finally, with thick coatings, sufficient internal stresses may have developed in certain coatings that even the best adhesional bond is overcome and as a result poor adherence of the finish produced.

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"I'll say this for American Can..

...when they say a new container is right, you know darned well it *is* right. They never go off half-cocked."

CANCO AMERICAN CAN COMPANY, 230 PARK AVENUE, NEW YORK, N. Y.
World's Largest Manufacturer of Metal and Fibre Containers

Current Market Quotations

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When not otherwise indicated, quotations are f. o. b. New York prices on large lots. Prices changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

A

Acacia (see Gum, Arabic)
Acetal, dms., dlvd.....lb. .75 - 1.00
Acetaldehyde, 99%, 55 & 110 gls., dms., dlvd..lb. .14 - —
5 & 10 gal. dms., dlvd.....lb. .16 - —
Acetamide, CP, kgs., 1,000 lb. lots, dlvd..lb. .44 - —
tech., kgs, 1,000 lb. lots, dlvd. lb. .39 - —
Acetanilide, tech., 95%, bbls..lb. .29 Nom.
USP, cryst., bbls., 2,000 lb. lots lb. .32 - —
smaller lots.....lb. .33 - —
dms., 25 lb. lots.....lb. .38 - —
kgs, 2,000 lb. lots.....lb. .33 - —
smaller lots.....lb. .34 - —
powd., bbls., 2,000 lb. lots..lb. .30 - —
smaller lots.....lb. .31 - —
dms., 25 lb. lots.....lb. .36 - —
kgs., 2,000 lb. lots.....lb. .31 - —
smaller lots.....lb. .32 - —
Acetoacetanilide, dms.....lb. .65 - .70
Acetone, CP, dms., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06¼- —
tanks, dlvd.....lb. .04¾- —
Methyl (see M)
Acetonphenone, bots.....lb. 1.30 - 1.45
cns., 25 lbs.....lb. 1.15 - 1.25
dms., 100 lbs.....lb. 1.05 - —
Acetophenetidin, bbls., kegs, 1,000 lbs..lb. 1.00 - —
50 lbs.....lb. 1.02 - —
25 lbs.....lb. 1.05 - —
Aciu, acetic, dms., c.l.....lb. .08¾- —
l.c.l. .....lb. .09 - .12
Acetic, comi. or redist., 28%, bbls..100 lbs. 2.23 - 2.48
cbys. .....100 lbs. 2.73 - 2.98
56%, bbls.....100 lbs. 4.15 - 4.40
cbys. .....100 lbs. 4.65 - 4.90
70%, bbls.....100 lbs. 5.17 - 5.42
cbys. .....100 lbs. 5.67 - 5.92
80%, bbls.....100 lbs. 5.89 - 6.14
cbys. .....100 lbs. 6.39 - 6.64
glacial, nat., CP., cbys..100 lbs. 14.00 - —
99.5%, bbls.....100 lbs. 7.62 - 7.87
cbys. .....100 lbs. 8.12 - 8.37
USP, bbls.....100 lbs. 10.25 -10.50
cbys. .....100 lbs. 10.75 -11.00
synth., 99.5%, al. dms., 100 lbs. 8.43 - 8.68
cbys. .....100 lbs. 8.68 - 9.18
USP, al. dms.....100 lbs. 10.25 -10.50
cbys. .....100 lbs. 10.75 -11.00
pure, 30%, bbls.....100 lbs. 3.28 - 3.53
cbys. .....100 lbs. 3.78 - 4.03
36%, bbls.....100 lbs. 3.66 - 3.91
cbys. .....100 lbs. 4.16 - 4.41
60%, bbls.....100 lbs. 6.15 - 6.40
cbys. .....100 lbs. 6.65 - 6.90
80%, bbls.....100 lbs. 7.68 - 7.93
cbys. .....100 lbs. 8.18 - 8.43

Acetic acid price differentials above are for c.l. and l.c.l. quantities; the prices apply dlv'd at destination in the following States: Conn., Dela., D. of C., Md., Mass., N. J., N. Y., N. and S. Car., R. I., Penna., and Va. For all other States, except Wash., Ore., and Calif., prices are f.o.b. works, frt. equalized.

Acetic, anhydride, dms., c.l., frt. alld..lb. .10½- .11¼
l.c.l., dms., frt. alld.....lb. .12 - .13
Acetylsalicylic, USP, bbls., 200 lbs..lb. .60 - —
boxes, 25 lbs.....lb. .61 - —
kgs., 100 lbs.....lb. .60 - —
Anthranilic, refd., bbls.....lb. 1.15 - 1.20
tech., bbls.....lb. .75 - —
Arsenous, tech. (see Arsenic, White),
USP, powd., dms., kegs...lb. .22 - .25
Ascorbic, bots., dms.....oz. 3.00 - 3.25
Battery, cbys, c.l., E. works 100 lbs. 1.60 - —
l.c.l., 25 or more, E. works, 100 lbs. 1.85 - —
10-24, E. works....100 lbs. 1.95 - —
1-9, E. works.....100 lbs. 2.55 - —
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. or more lb. .54 - —
1,000 to 3,900 lbs.....lb. .55 - —
900 lbs. or less.....lb. .58 - .59
dms., 4,000 lbs. or more..lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .59 - .60
Boric, tech., 99.5%, gran., bbls., contracts, 80 tons, delvd. ton.106.00 - —
c.l., dlvd.....ton.111.00 - —
l.c.l., ex whse.....ton.118.00 -123.00
sks., contracts, 80 tons, dlvd..ton.96.00 - —
c.l., dlvd.....ton.101.00 - —
l.c.l., ex whse.....ton.108.00 -113.00
powd., bbls., contracts, 80 tons, dlvd..ton.111.00 - —
c.l., dlvd.....ton.116.00 - —
l.c.l., ex whse.....ton.123.00 -138.00
sks., contracts, 80 tons, dlvd..ton.101.00 - —
c.l., dlvd.....ton.106.00 - —
l.c.l., ex whse.....ton.113.00 -128.00
U.S.P., $25 per ton higher.
Broenner's, bbls.....lb. 1.11 - —
Butyric, 99%, dms., c.l., S. Charleston, W. Va..lb. .22 - —
l.c.l., same basis.....lb. .23 - —
tanks, same basis.....lb. .21 - —
Camphoric, cns.....lb. 5.50 - 5.70
Capric, dms.....lb. .12 - .12½
Caproic, cns.....lb. 2.20 - —
Carbolic (see Phenol),
Castor oil, split, dms.....lb. .17½- .18
Chinawood oil, dms.....lb. .15 - .15½
Chlorosulphonic, dms., c.l., works..lb. .0350- —
5-drum lots, works.....lb. .04 - —
single drum.....lb. .05 - —
tanks, works.....lb. .03 - —
Chromic, 99%, dms., delvd. N. Y..lb. .15¼- .17¼
Cinnamic, refd., bots.....lb. 2.85 - 3.25
Citric, cryst., gran., bbls., car lots..lb. .22 - —
10,000 lb., lots, one shipt., lb. .22½- —
smaller lots .....lb. .23 - —
kegs .....lb. .23½- —

Acid, citric, anhyd., gran, dms., 10,000 lbs. 1 shipt..lb. .23 - —
smaller lots .....lb. .25½- —

Citric acid quotations on powder are ½c. higher than on granular. Keg packing is ½c. higher than barrels. Prices are f.o.b., N. Y. Chicago and St. Louis deliveries are ½c. higher than N. Y.

Cleve's, bbls. .....lb. .57 - —
Coconut oil, dist., dms.....lb. .09 - .09½
Corn, dist., dms.....lb. .06¾- .07
Cottonseed oil, dist., dms....lb. .06¼- .06¾
tanks .....lb. .0575- —
Cresylic, high-boil, dom., c.l., works, frt. equaled..gal. .73 - —
l.c.l., same basis.....gal. .74 - —
low-boil, dms., c.l., works frt. equaled..gal. .78 - —
l.c.l., same basis.....lb. .80 - —
imported, dms. .....gal. .70 - .80½
Crotonic, bbls., dlvd.....lb. .21 - —
smaller containers, dlvd...lb. .50 - —
Diethylbarbituric (see Barbital))
Formic, dom., seaboard, 90% cbys., f.o.b. stock points, c.l...lb. .10½- —
l.c.l., 25 and over.lb. .11 - —
1-24 .....lb. .11¼- —
inland territory, cbys., c.l.lb. .1185- —
l.c.l., 25 and over.....lb. .1235- —
1-24 .....lb. .1285- —
southern territory, cbys., c.l., lb. .1170- .1240
l.c.l., 25 and over.....lb. .1220- .1290
1-24 .....lb. .1270- .1320
Fumaric, bbls. .....lb. .75 - —
Gallic, tech., bbls.....lb. .70 - .75
N. F., VI, bbls., 200 lbs., 5 or more..lb. .77 - —
single bbls. .....lb. .80 - —
fib. dms., 25 lbs.....lb. .81 - —
Gamma, bbls. .....lb. .85 - —
Gluconic, tech., 50%, bbls., 500 lbs..lb. .20 - —
Hempseed oil, dms.....lb. .1180- .1225
Hydriodic, 47%, bots.....lb. 2.30 - —
5-lb. bots.....lb. 2.51 - —
57%, bots.....lb. 2.75 - 2.90
Hydrobromic, 10% dilut., USP, lb. .20 - .21
pure, 34% conct, cbys.....lb. .42 - .44
Hydrochloric (see Muriatic),
Hydrocyanic, cyls, works...lb. .80 - 1.00
Hydrofluoric, 30%, bbls.....lb. .07 - .0750
lead, cbys. .....lb. .09 - .0950
48%, lead cbys.....lb. .1150- .12
52%, lead cbys.....lb. .1250- .13
60%, lead cbys.....lb. .15 - .1550
Hydrofluosilicic, 30-35%, bbls.lb. .10½- .15
Hypophosphorus, USP, 30%, djns..lb. .75 - —
Lactic, tech., dark, 22%, bbls., c.l., works..100 lbs. 2.50 - —
l.c.l., bbls., works..100 lbs. 2.75 - —
cbys., works....100 lbs. 3.75 - —
44%, bbls., c.l., works, 100 lbs. 5.50 - —
l.c.l., bbls., works..100 lbs. 5.75 - —
cbys., works....100 lbs. 6.75 - —
light, 22%, bbls., c.l., works, 100 lbs. 3.50 - —
l.c.l., bbls., works..100 lbs. 3.75 - —
cbys., works....100 lbs. 4.75 - —
44%, bbls., c.l., works, 100 lbs. 6.50 - —
l.c.l., bbls., works..100 lbs. 6.75 - —
cbys., works....100 lbs. 7.75 - —
50%, edible, 20 and over, bbls., cbys..lb. .10½- .11¼
plastic grade .....lb. .12¼- .13¼
5 to 19, edible, bbls., cbys., lb. .11 - .12
plastic grade.....lb. .12¾- .13¾
1 to 4, edible, bbls., cbys., lb. .11½- .12¼
plastic grade.....lb. .13¼- .14¼
80%, 5 and over, bbls., cbys..lb. .21 - .22
1 to 4 bbls., cbys.....lb. .21½- .22½
USP, XI, 85%, cbys.....lb. .43 - .45
USP, VIII, 75%, cbys.....lb. .41 - .43
Lauric, dist., dms.....lb. .18 - .20
Laurent's, bbls.....lb. .45 - —
Levulinic, 5lb. bots., works.lb. 2.00 - —
Linseed, oil, dark or light, dms..lb. .1050- .1100
extra white, dist., dms....lb. .12½- .13
Maleic, powd., dms.....lb. .30 - —
anhydride, dms., l.c.l.....lb. .33 - —
Malic powd., kegs.....lb. .47 - —
Mandelic, bots.....lb. 2.30 - —
dms., 1,000 lbs...lb. 1.90 - —
smaller lots .....lb. 2.15 - —
Mixed, tanks, nitric unit....lb. .05 - .06
sulphuric unit.....lb. .0085- .009
Molybdic, kgs., works.....lb. .95 - 1.10
Monochloroacetic, tech., bbls.lb. .15 - .18
Monosulphonic, bbls. .....lb. 1.50 - 1.60
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., 25 and over, E. works..100 lbs. 1.75 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, works.....100 lbs. 1.05 - —
20°, cbys., c.l., E. works, 100 lbs. 1.75 - —
l.c.l., 25 and over, works, 100 lbs. 2.00 -
10 to 24, works..100 lbs. 2.10 - —
1 to 9, works..100 lbs. 2.70 - —
tanks, works.....100 lbs. 1.15 - —
22°, cbys., c.l., E. works, 100 lbs. 2.25 - —
l.c.l., 25 and over, works, 100 lbs. 2.50 - —
10 to 24, works..100 lbs. 2.60 - —
1 to 9, works..100 lbs. 3.20 - —
tanks, works.....100 lbs. 1.65 - —
C.P., USP, dealers, cbys....lb. .06½- —
6-lb. bots.....lb. .18½- —
consumers, cbys.....lb. .08 - —
6-lb. bots.....lb. .20 - —
Myristic, dist., dms.....lb. .15¾- .16¼
Naphthenic, acidity, 120-200 dms., c.l..lb. .07 - —
210-230, dms., c.l.....lb. .09 - —
240-280, dms., c.l.....lb. .10 - —
Sludge, dms., c.l.....lb. .05 - —
Nitric, 36°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 25 and over, E. works..100 lbs. 5.25 - —
10 to 24, works..100 lbs. 5.35 - —
1 to 9, works..100 lbs. 5.95 - —

Acid, nitric, 38°, cbys., c.l., E. works..100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
l.c.l., 25 and over, E. works..100 lbs. 5.75 - —
10 to 24, works..100 lbs. 5.85 - —
1 to 9, works..100 lbs. 6.45 - —
40°, cbys., c.l., E. works.... 100 lbs. 6.00 - —
l.c.l., 25 and over, E. works..100 lbs. 6.25 - —
10 to 24, works..100 lbs. 6.35 - —
1 to 9, works..100 lbs. 6.95 - —
42°, cbys., c.l., E. works, 100 lbs. 6.50 - —
l.c.l., 25 and over, works, 100 lbs. 6.75 - —
10 to 24, works..100 lbs. 6.85 - —
1 to 9, works..100 lbs. 7.45 - —
C.P., USP, dealers, cbys...lb. .11½- —
7-lb. bots.....lb. .22½- —
consumers, cbys.....lb. .13 - —
7lb. bots.....lb. .24 - —
Oleum (see sulphuric fuming).
Oxalic, dom., bbls., c.l., works, lb. .10¾- —
10,000 lbs., and over....lb. .11 - —
smaller quantities.....lb. .12 - .14
Palm oil, d. dist., dms.....lb. .0650- .0740
s. dist., dms.....lb. .0590- .0680
Perilla, dist., dms.....lb. .1375- .1425
Phenylacetic, bots. .....lb. 1.75 - 3.00
Phosphoric, tech., 50%, cbys.lb. .06 - —
75%, cbys.....lb. .09 - —
USP, 85%, s. g. 1.710, cbys., 180 lbs..lb. .12 - —
50% s. g., 1347, cbys., 70 lbs..lb. .12 - —
djns., 25 lbs.....lb. .15 - —
10%, dilut., cbys., djns..lb. .07 - .07¼
Picramic, kgs.....lb. .65 - .70
Picric, bbls.....lb. .35 - —
Propionic ref., cbys., works..lb. .25 Nom.
dms., works.....lb. .22 Nom.
tech., cbys., works.....lb. .20 Nom.
dms., works.....lb. .16 Nom.
Pyrogallic, tech., lump, powd., bbls..lb. 1.05 - —
cns. .....lb. 1.10 - —
USP, cryst., cns.....lb. 1.45 - 1.63
resubl., cns.....lb. 2.05 - 2.15
Pyroligneous, bbls., dlvd. E. gal. .25 - —
Ricinoleic, dms .....lb. .35 - —
tech., bbls.....lb. .13 - —
Salicylic, tech., bbls.....lb. .33 - —
USP, bbls.....lb. .40 - .45
Sebacic, C.P., bbls., works..lb. .58 - —
tech., bbls., works.....lb. .37 - .41
Soybean oil, dist., dms.....lb. .09 - .09½
Stearic, distil., double pressed, bgs., dlvd..lb. .11 - .12
single pressed, bgs., dlvd.lb. .10½- .11½
triple pressed, bgs., dlvd..lb. .13¾- .14¾
saponif., double pressed, bgs., dlvd..lb. .11¼- .12¼
triple pressed, bgs., dlvd.lb. .14 - .15
Succinic, bbls.....lb. .75 - —
Sulphanilic, CP, bots, works.lb. 1.60 - 1.68
tech., dms., works.....lb. .17 - —
Sulphonaphthenic, dms.....lb. .04 - .10
Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.25 - —
l.c.l., 25 and over, works, 100 lbs. 1.50 - —
10 to 24, works..100 lbs. 1.60 - —
1 to 9, works..100 lbs. 2.20 - —
tanks, E. works.....ton.13.00 - —
66°, cbys., c.l., E. works, 100 lbs. 1.50 - —
l.c.l., 25 and over, works, 100 lbs. 1.75 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, E. works.....ton.16.50 - —
93°, tanks, works.....ton.17.50 - —
C.P., USP., dealers, cbys., lb. .06½- —
9-lb. bots. .....lb. .16½- —
consumers, cbys. .....lb. .08 - —
9-lb. bots. .....lb. .18 - —
fuming, 20%, tanks, E. works, ton.18.50 - —
65%, tanks, E. works....ton.36.00 - —
Tannic, tech., bbls., dms...lb. .40 - .47
USP, fluffy, bbls., 1,000 lb.-100-lb. lots .....lb. .90 - —
25-lb. lots .....lb. .93 - —
powd., bbls., 1,000 lbs....lb. .78 - —
smaller lots .....lb. .80 - —
Tartaric USP, dom., cryst., gran., powd., bbls., 10,000 lbs. or more, one shipment..lb. .27½- —
smaller quantities.....lb. .27¾- —
kgs. .....lb. .28¼- —
Tobias, bbls. .....lb. .65 - —
Trichloroacetic, bots. .....lb. 2.00 - 2.50
Tungstic, CP, kgs, works....lb. 2.85 - 3.10
tech., kgs., works.....lb. 1.90 - 2.00
Aconite, leaves, bls.....lb. .25 - .26
Root, bls.....lb. .28 - .30
Aconitine, amorph., bots.....oz. 17.00 -18.00
vis. .....gr. .06 - .09
cryst., bots.....oz. 30.00 - —
vis. .....gr. .09 - .11
Adeps lanae, anhyd., dms....lb. .17½- .19
hyd., dms.....lb. .16 - .18
Agar 1, bls.....lb. .85 - .90
2, bls. .....lb. .80 - .85
3, bls. .....lb. .63 - .65
Agaric, white, bls.....lb. 3.00 - 3.20
Albumen, blood, dark, flake, bgs., f.o.b. Chicago, frt. alld....lb. .13 - —
pow'd, grade A, same basis, ton lots..lb. .15 - —
lots..lb. .88 - —
smaller lots, same basis, lb. .18 - —
light, dom., flake, dms., f.o.b., Chicago., frt. alld. lb. .52 - .60
import, bgs. .....lb. .50 - —
Egg, ed., dom., cryst., bbls., lb. .82 - .84
dom., pwd., dms., bbls., lb. .86 - .88
import, cs.....lb. .82 - —
Alcohol, amyl (see also Fusel oil, refd.), ex pentane dms., c.l., frt. alld..lb. .133 - —
l.c.l., frt. alld.....lb. .143 - —
tanks, frt. alld.....lb. .123 - —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .09½- .10
l.c.l., same terms.....lb. .10 - .10¼
tanks, same terms.....lb. .08½- .09
Benzyl, cans.....lb. .68 - —
drums .....lb. .63 - —

Acacia—Alum

Alcohol, butyl, normal, dms., c.l., frt. alld..lb. .09½- —
l.c.l., frt. alld.....lb. .10 - —
tanks, frt. alld.....lb. .08½- —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .07 - —
l.c.l., same terms.....lb. .07½- —
tanks, same terms.....lb. .06 - —
tertiary, denating, dms., frt. alld..lb. .14 - —
Capryl, pure, dms., works...lb. 2.50 - —
tech., dms., works.....lb. .85 - —
Cetyl, dom., C.P., fiber ctns., 1,000 lbs..lb. 1.50 - —
500 lbs.....lb. 1.70 - —
100 lbs.....lb. 1.80 - —
25 lbs.....lb. 1.90 - —
5 lbs.....lb. 2.00 - —
com'l., dms.....lb. .95 - —
import, 85%, 100 lb. dms...lb. .55 - —
5 to 10 lbs.....lb. .75 - —
coml., dms., 350 lbs.....lb. .45 - —
Cinnamic, bots. .....lb. 2.00 - 2.90
Denatured, CD14, dms., c.l., works, E..gal. .35 - —
l.c.l., works, dms., to jobbers..gal. .38 - —
works, dms., to dealers and industrial accounts, gal. .40 - —
tanks, E., works.....gal. .27 - —

Prices for territories other than E. of Rockies, 3c. per gal. higher. Tankcar sales require written authorization by Alcohol Tax Unit.

SD1, 190 pf., bbls., c.l., E. works..gal. .32 - —
19 bbls., E. works...gal. .34 - —
1 to 18 bbls., E. works, gal. .37 - —
dms., c.l., E. works....gal. .31 - —
19 dms., E. works...gal. .33 - —
1 to 18 dms., E. works, gal. .36 - —
tanks, E. works.....gal. .25 - —

Anhydrous, 5c. per gal. higher.

SD23-G, works, E., dms., c.l., gal. .35½- —
19 dms.....gal. .37½- —
1 to 18 dms.....gal. .40½- —
tanks .....gal. .29½- —

Prices for territories other than E. of Rockies, 3c. per gal. higher.

Special solvent, dms., c. l., E. works..gal. .32 - —
20 dms., E. works...gal. .34 - —
1 to 19 dms., E. works, gal. .37 - —
tanks, E. works.....gal. .26 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone, pure, contract, dms., c.l., frt., alld..lb. .11¼- —
l.c.l., frt. alld.....lb. .12 - —
tanks, dlvd.....lb. .10½- —
tech., contract, dms., c.l., frt. alld..lb. .10¼- —
l.c.l., frt. alld.....lb. .11 - —
tanks, dlvd.....lb. .09½- —
Ethyl, 190 pf., ex molasses, bbls., c.l..gal. 4.58½- —
19 bbls.....gal. 4.60½- —
1 to 18 bbls.....gal. 4.63½- —
dms., c.l. .....gal. 4.57½- —
19 dms.....gal. 4.59½- —
1 to 18 dms.....gal. 4.62½- —
tanks .....gal. 4.51½- —
absolute, dms., c.l.....gal. 4.90 - —
19 dms.....gal. 4.92 - —
1 to 18 dms.....gal. 4.95 - —
Grain alcohol 25c. per gal. higher.
Furfuryl, tech., cns., works..lb. .45 - —
dms., c.l., 33,000 lbs., works, lb. .39 - —
l.c.l., 500 lbs. and more, works, lb. .85 - —
Hexyl, secondary, dms., c.l., frt. pd. E. of Rocky Mts..lb. .13 - —
l.c.l., same terms.....lb. .13½- —
tanks, same terms.....lb. .12 - —
Isoamyl, primary, dms., l.c.l., dlvd..lb. .27 - —
cans, works.....lb. .23 - —
Isobutyl, refd., dms., c.l., works, frt. alld. E. of Rockies.lb. .09¼- —
l.c.l., same terms.....lb. .10 - —
tanks, same terms.....lb. .08¼- —
Isopropyl, 99%, c.l., dms., f.o.b., dest..gal. .36 - —
l.c.l., same basis.....gal. .41 - —
tanks, same basis.....gal. .31 - —
refd., 91%, dms., c.l., same basis..gal. .36 - —
l.c.l., same basis.....gal. .41 - —
tanks, same basis.....gal. .31 - —
tech., 91%, dms., c.l., same terms..gal. .33½- —
l.c.l., same terms....gal. .38½- —
tanks, same terms....gal. .28½- —
98%, dms., c.l., same terms, gal. .37½- —
l.c.l., same terms....gal. .42½- —
tanks, same terms....gal. .32½- —
Methyl (see Methanol)
Phenylethyl, bots., cns.....lb. 2.70 - 4.25
Propyl (see Isopropyl)
Propyl, normal, dms., works, gal. .70 - —
Aldehol, denat., grade, dms., tanks, works.....gal. .76 - .77
Aldehyde bisulphite bbls., dlvd. lb. .17 - —
smaller containers.....lb. .20 - —
Aldol, 95%, 55 & 110 gal. dms., dlvd..lb. .20 - —
5 & 10 gal. dms., dlvd....lb. .22 - —
Aletris root, bgs.....lb. .88 - .89
Alizarin (see Red, alizarin),
Alkanet root, bgs.....lb. .10 - .11
Aloe, Barbados, true, cs.....lb. .85 - .90
Cape, cs. .....lb. .20 - .22
Curacao, cs. .....lb. .35 - .37
gourds, bbls.....lb. .50 - .55
Socotrine, kgs.....lb. .45 - .50
Aloin, 140-lb. bbls. .....lb. 2.40 - —
100-lb. kegs.....lb. 2.42 - —
25-lb. fib. dms.....lb. 2.49 - —
Alphanaphthol, bbls.....lb. .52 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Althea root, cube cut, bls.....lb. .30 - .32
Alum, ammonia, burnt, USP, bbls. kgs..lb. .16 - .18
gran., bbls., works....100 lbs. 3.15 - 3.40
dlvd. N.Y., Phila..100 lbs. 3.15 - —
lump, bbls., works....100 lbs. 3.40 - 3.65
dlvd. N.Y., Phila..100 lbs. 3.40 - —
powd., bbls., works....100 lbs. 3.55 - 3.80
dlvd. N.Y., Phila..100 lbs. 3.55 - —

Alum—Antimony, White

Alum, ammonia, powd., bbls., works..100 lbs. 3.55 - 3.80
dlvd., N. Y., Phila...100 lbs. 3.53 - —

Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rates, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse deliveries all metrop. zones (except N.Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point; dlvd. N.Y. prices apply to truck or ex warehouse.

Potash, gran., bbls., works.. 100 lbs. 3.40- 3.65
dlvd. N.Y., Phila..100 lbs. 3.40 - —
lump, bbls., works....100 lbs. 3.65 - 3.90
dlvd. N.Y. Phila..100 lbs. 3.65 - —
powd., bbls., works....100 lbs. 3.80 - 4.05
dlvd. N.Y., Phila..100 lbs. 3.80 - —

Potash alum prices on same basis as those for ammonia alum.

Potash-chrome, bbls.....lb. .06¼- .06½
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd.....100 lbs. 4.25 - 5.00

Alumina acetate, 20% normal solut., bbls., c.l., dlvd..lb. .07½ —
l.c.l., dlvd.....lb. .09 - —
52%, basic solut., bbls., c.l., dlvd..lb. .10 - —
l.c.l., dlvd.....lb. .12 - —
basic powd., bbls., dlvd.....lb. .40 - —
smaller containers, dlvd. lb. .50 - —
Chloride, anhyd., com'l, dms. (extra), 45,000 lbs. and over, works..lb. .05 - —
12,000 to 40,000 lbs., works..lb. .06 - —
1,100 to 11,000 lbs., works..lb. .07 - —
140 to 875 lbs., works.lb. .08 - —
100 lbs., or less, works.lb. .09 - —
cryst., com'l, dms., c.l., works, lb. .06 - —
l.c.l., dms., works.....lb. .06½ —
solution, 32 deg., cbys., c.l., works..lb. .02¾- —
l.c.l., cbys., works.....lb. .03¼- —
Formate, 30% solut., bbls., c.l., dlvd..lb. .13 - —
l.c.l., dlvd.....lb. .15 - —
Hydrate, heavy, bbls., c.l., works..lb. .0290- —
l.c.l., bbls.....lb. .03½- —
bgs., c.l.....lb. .0260- —
light, bbls., dlvd.....lb. .12 - —
Oleate, dms., contr.....lb. .16¾- —
open order.....lb. .17½- .18½
Palmitate, precip., bbls.....lb. .23 - —
Resinate, precip., dms., dlvd.lb. .15 - —
Stearate, precip., bbls., ctns., c.l..lb. .19 - —
l.c.l., ton.....lb. .20 - —
less than ton.....lb. .21 - —
Sulphate, com'l, bgs., c.l. works, frt. equaled.100 lbs. 1.15 - —
l.c.l., works, frt. equald.. 100 lbs. 1.40 - —
bbls., c.l., works, frt. equald. 100 lbs. 1.35 - —
l.c.l., works, frt. equald. 100 lbs. 1.60 - —
iron-free, bgs., c.l., works.. 100 lbs. 1.30 - —
l.c.l., works....100 lbs. 1.55 - —
bbls., c.l., works....100 lbs. 1.50 - —
l.c.l., works.....100 lbs. 1.75 - —
Aluminum, 98-99%, c. l.....lb. .20 - —
l.c.l. .....lb. .21 - —
paste, lining, extra fine, dms., 1,500 lbs..lb. .65 - —
ink, dms., 1,500 lbs....lb. .75 - —
standard, dms., 1,500 lbs..lb. .43 - —
extra fine, dms., 1,500 lbs.lb. .92 - —
standard, dms., 1,500 lbs.lb. .57 - —
litho, extra brilliant, dms., 1,500 lbs..lb. .43 - —
extra fine, dms., 1,500 lbs.lb. .47 - —
lining, dms., 1,500 lbs....lb. .57 - —
standard, dms., 1500 lbs..lb. .42 - —
rubber compound, dms., 1,500 lbs..lb. .40 - —
unpolished, dms., 1,500 lbs.lb. .37 - —
varnish, extra brilliant, dms., 1,500 lbs..lb. .43 - —
extra fine, dms., 1,500 lbs.lb. .47 - —
standard, dms., 1,500 lbs.lb. .42 - —

Aluminum paste and powder prices for lots smaller than 1,500 lbs. are 10c. per lb. higher for less than 200 lbs.; 5c. per lb. higher for 200-400 lbs.; 2c. per lb. higher for 400,-1,000 lbs.; and 1c. per lb. higher for 1,000-1,500 lbs.; for partial shipments on contracts, prices are 3c. per lb. higher on lots of less than 200 lbs.; 1c. per lb. higher for 200-400 lbs.; and ½c. per lb. higher for 400-1,500 lbs.; for containers smaller than drums, prices are 1c. per lb. higher for 100 lbs.; 1½c. per lb. for 50 lbs.; 3c. per lb. for 10 lbs.; 5c. per lb. for 2 lbs.; 8c. per lb. for 1 lb.; and 12c. per lb. for ½ lbs.; on single shipments of 5,000 lbs. prices are 1c. per lb. lower; for 30,000 lbs. prices are 2c. per lb. lower. Transportation allowed East of Mississippi.

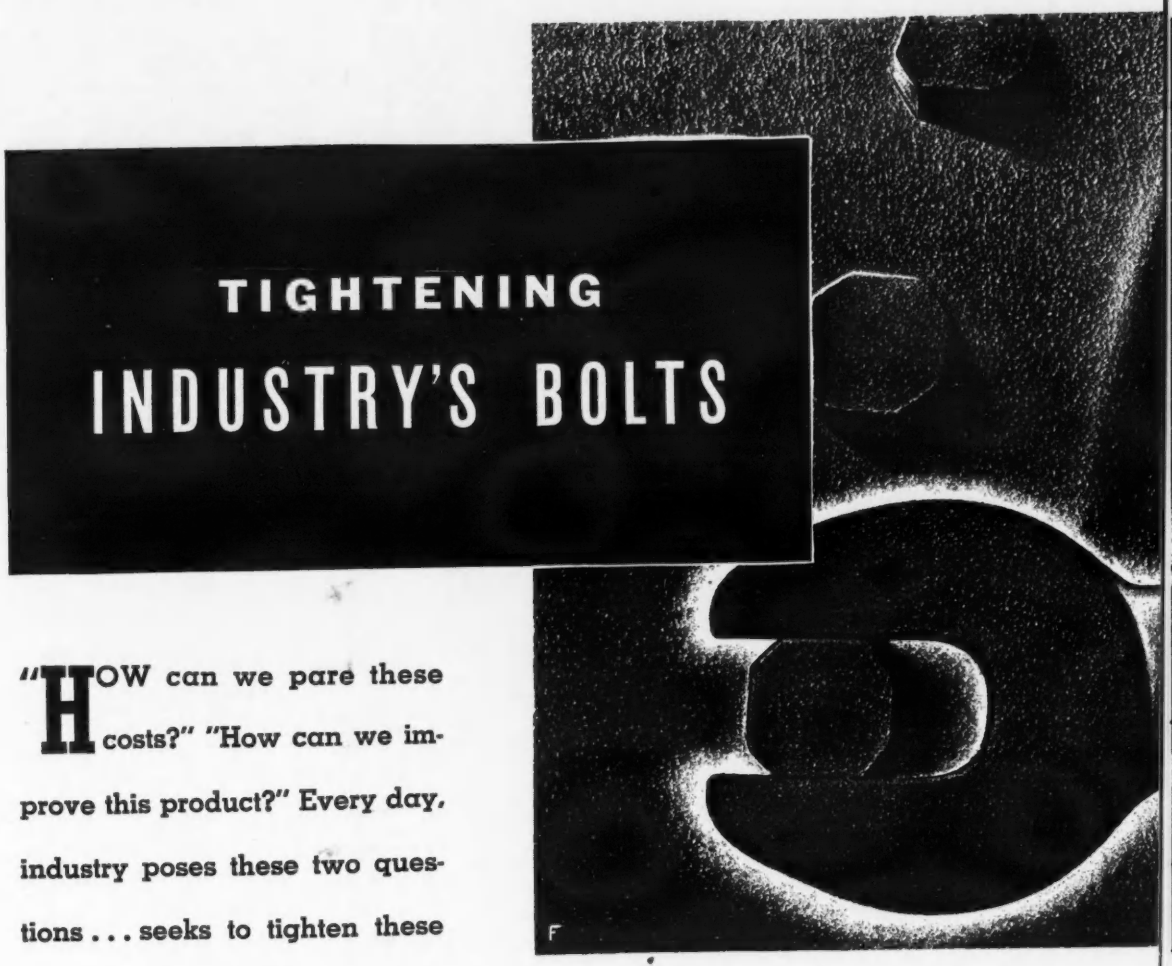
Ambergris, gray, tins.....oz. 17.00 -36.00
Aminopyrine, fib., dms., 100 lbs. lb. 4.00 - —
bots., 5 lbs. .....lb. 4.22 - 4.25
Ammonia, acetate, bbls., kgs., dlvd..lb. .27 - .33
dms., dlvd.....lb. .23 - .28
Aldehyde, dms.....lb. .65 - .70
Anhydrous, fertilizer, com'l, tanks (50,000 lbs.), works..lb. .04½- —
refrigeration, tanks, works..lb. .05 - —
pure, cyls., dlvd., met. N.Y., lb. .16 - .22

Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.

Aqua, 26°, cbys.....lb. .05¼- —
dms., c.l.....lb. .02¼- —
l.c.l. .....lb. .02½- —
tanks (on NH_3 content), dlvd., E..lb. .05 - .05½
Benzoate, dms., 4,000 lbs. or more..lb. .41 - .43
1,000 lbs. to 3,900 lbs....lb. .42 - .43
900 lbs. or less.....lb. .45 - .46
Benzoate, kgs., 4,000 lbs. or more..lb. .40 - —
1,000 lbs., to 3,900 lbs...lb. .41 - —
900 lbs. or less.....lb. .44 - —
Bicarbonate, bbls., c.l., works. 100 lbs. 5.15 - —
l.c.l., dlvd. N. Y....100 lbs. 5.71 - —
Bichromate, bbls.....lb. .52 - —
Bifluoride, bbls.....lb. .14½- .16½
Borate, bbls., kgs.....lb. .15 - .16
Bromide, gran., bbls.....lb. .35 - —
bxs. .....lb. .38 - .39
kgs. .....lb. .36 - —
Carbonate, tech., dom., bbls. lb. .08 - .12½
imported, csks. .....lb. .08 - .12½
USP, lump, dms.....lb. .08 - .17
powd., bbls., dms.....lb. .09 - .35
Chloride, tech. (see Ammoniac, sal), ...
USP, gran., 225 lb. bbls....lb. .12 - .13
100 lb. kgs. .....lb. .15 - —
Citrate, dms. .....lb. .80 - —
cns. .....lb. .85 - —
Ammonia, fluoride, bbls.....lb. .17 - .19
Hydroxide, (see Ammonia, aq
Hypophosphite, fib., dms.....lb. 1.10 - 1.17
jars .....
Iodide, 5-lb. bots.....lb. 3.52 - —
jars .....lb. 3.45 - —
Laurate, bbls. .....lb. .25 - —
Linoleate, 80%, anhyd., bbls.lb. .12 - .15
Molybdate, kgs., wks.....lb. 1.05 - 1.20
Naphthenate, bbls. .....lb. .17 - —
Nitrate, tech., bags., c.l., works...100 lbs. 3.60 - —
l.c.l., works.....100 lbs. 3.85 - —
bbls., c.l., works.....100 lbs. 3.80 - —
l.c.l., works.....100 lbs. 4.05 - —
Oleate, dms.....lb. .14 - .15
Oxalate, neutral, cryst., powd., bbls., kgs..lb. .19 - .20
Perchlorate, kegs.....lb. .16 - —
Persulphate, kgs.....lb. .21 - .22
Phosphate, dibasic, N.F.V., bbls., lb. .37 - —
kgs. .....lb. .39 - —
tech., bbls., c.l. .....lb. .07½- —
l.c.l. .....lb. .09 - .10
monobasic, crude (fert. grade), 11% N 18% phos. bulk, f.o.b. E. works.. unit-ton. 1.20 & .70
pure, bbls. .....lb. .40 - .45
tech., bbls., c.l. .....lb. .07½- —
l.c.l. .....lb. .09 - .10
Ricinoleate, bbls. .....lb. .15 - —
Salicylate, U.S.P., kgs.....lb. 1.15 - 1.20
Silicofluoride, 250-lb. bbls., f.o.b. N. Y...lb. .09 - —
5 bbls., same basis.....lb. .08½- —
Stearate, anhydrous.....lb. .22 - —
paste .....lb. .07 - —
Sulphate, dom., bulk, c.l., f.o.b. July shipment..ton. 26.50 - —
August shipment...ton. 26.75 - —
September shipt....ton. 27.00 - —
Ammonia sulphate, dom., bulk, c.l., f.o.b., October shipt. ton. 27.25 - —
November shipt....ton. 27.50 - —
December shipt.....ton. 27.75 - —
Jan.-June, 1939 shipt., ton. 28.00 - —

Ammonia sulphate prices are f.o.b. cars nearest Atlantic or Gulf port, and/or $1 per ton less than above prices f.o.b. cars nearest inland producing oven, whichever is lower to destination.

Sulphide, liquid, 35-40%, basis 100%, dms,, works..lb. .12 - .18
tanks, delvd. .....lb. .11 - —
Sulphocyanide, com'l, fib., dms., 2,000 lbs., works.....lb. .14 - —
smaller lots, works.....lb. .16 - —
pure, 99-100%, kgs. .....lb. .55 - —
Ammoniac, gum (see Gum, ammoniac).
Sal, gray, dom,, bbls., c.l., works. 100 lbs. 5.50 - 5.75
l.c.l. .....100 lbs. 6.00 - 6.70
Sal, white, gran., dom., bbls., contracts, N. Y., l.c.l. 100 lbs. 4.90 - 5.05
import, csks.....100 lbs. 5.00 - 5.05
Amyl acetate, ex fusel oil, dms., c.l., works..lb. .11 - —
l.c.l., frt., alld.....lb. .11⅛- —
tanks, works.....lb. .10 - —
ex pentane, dms., frt. alld.lb. .125 - —
l.c.l., frt., alld.....lb. .135 - —
tanks, frt., alld.....lb. .115 - —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .09½- —
l.c.l., same terms.....lb. .10 - —
tanks, same terms.....lb. .08½- —
Alcohol (see Alcohol amyl).
Butyrate, dms., 50 gal., returnable..lb. .75 - —
Caproate, cns.....lb. 2.75 - —
Amyl, chloride, normal, dms., works..lb. .56 - —
small lots, works.....lb. .68 - —
mixed, tech., dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .077 - —
tanks, works.....lb. .06 - —
Cinnamic aldehyde, cns.....lb. 2.00 - 2.25
Nitrite, bots.....lb. 1.80 - 1.86
Mercaptan, dms., l.c.l., works.lb. 1.10 - —
Oleate, dms., l.c.l., works...lb. .25 - —
Salicylate, bots., 5 lbs.....lb. .61 - —
cns., 25 lbs.....lb. .51 - —
Stearate, dms., l.c.l., works..lb. .26 - —
Amylene, dms., c.l., works....lb. .102 - —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Anethol, bots. .....lb. 1.00 - 1.05
Angelica root, dom., bls.....lb. .16 - .22
import, natural, bls.....lb. .20 - .23
twisted, bls.....lb. .30 - .40
Angostura bark, bls.....lb. .30 - .31
Anilin oil, dms., c.l.....lb. .15 - —
l.c.l. .....lb. .16 - —
tanks .....lb. .14½- —
Salt, dms., works.....lb. .22 - .24
Anise, Spanish, bgs.....lb. .16 - .16½
Star, bgs. .....lb. .14 - .14½
Anisic aldehyde, bots.....lb. 3.00 - 3.10
Annatto paste, bxs.....lb. .34 - .39
seed, bgs .....lb. .07½- .08
Anthraquinone, 99.5%, subl., bbls., lb. .65 - —
Antimony butter (see Antimony chloride)
Chloride, solut., cbys.....lb. .17 - —
Metal, spot .....lb. .11¾- —
Needle, powd., bbls.....lb. .12½- .14
Oxide, bbls., c.l.....lb. .11¾- —
l.c. .....lb. .12¼- —
Salts, 65%, kgs.....lb. .26 - .27
White, pigment, bgs. c.l., Texas works, frt. alld to ½c..lb. .11¼- .14¼



"HOW can we pare these costs?" "How can we improve this product?" Every day, industry poses these two questions . . . seeks to tighten these two important bolts in the modern selling mechanism which are so vital to the profitable operation of the industrial machine.

Many a tightening step has been suggested by chemical research. "We can pare these costs," says research, "by diverting this waste into that useful channel." Or, "We can make this a better product by adopting a process newly discovered in another field." The fruits of intelligent research are increasingly worthwhile for chemical users; and here at Cyanamid we offer them as an integral part of any and all of our wares . . . a few of which are listed, with information on some of their properties and uses.

SYNTHETIC RESINS—For Inks and Ove Coatings: *TEGLAC—extra hard m alkyd resins characterized by exc ally pale color and resistance to dis tion; †PHENAC—modified phenol which impart drying speed and wa sistance to an unusual degree; *R alkyd type resins in comprehensive ranging from solid to semi-liquid †BEETLE—thermo-setting urea for hyde resins supplied as concentrate tions in organic solvents; ‡AERO ESTER GUM—a wide variety of gra meet ordinary and extraordinary r ments.

KETONONE E—ethyl ortho benzoyl be —is a new plasticizing agent that ing wide use in lacquers because of usually mild odor. It is a crystalli at room temperature, having a r point of 53° C., and therefore imp a lacquer film the characteristics of and plasticizer—notably hardne water resistance.

Antipyrene, bbls., kgs., ton lots, lb. 2.00 - —
smaller lots....lb. 2.10 - 2.15
Apomorphine, bots....oz.23.20 -23.70
Archil extract, con., bbls....lb. .21 - .27
double, bbls....lb. .18 - .20
triple, bbls....lb. .18 - .20
Areca nuts, powd., bbls....lb. .11 - .13
Arecoline hydrobromide, bots..oz. 4.35 - 4.50
Argols, test 70% to 85%, basis 100%, 100 kgm., purity, 100 kilos.32.00 -34.00
Arnica flowers, bls....lb. .28 - .30
Root, bls....lb. .38 - .40
Arrowroot, St. Vincent, powd., bgs..lb. .08 - .08½
bbls....lb. .08¼- .09
Arsenic, metal, lump, cs....lb. .40 - .41
Chloride (arsenous), cns....lb. 4.85 - —
Iodide (arsenous), 5-lb. bots.lb. 5.35 - —
jars....lb. 5.20 - —
Red, import, cs....lb. .15¾- .16½
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l....lb. .03 - —
l.c.l....lb. .03¾- —
Asafetida, cs....lb. .25 - .28
powd., bbls., bxs....lb. .40 - .41
Asbestine (see Talc, N. Y. fibrous).
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines..ton.42.50 - —
5R, bgs., c.l. (20 tons), Canad. mines..ton.40.00 - —
6D, bgs., c.l. (30 tons), Canad. mines..ton.30.00 - —
7D, bgs., c.l. (30 tons), Canad. mines..ton.25.00 - —
7F, bgs., c.l. (30 tons), Canad. mines..ton.23.00 - —
7H, bgs., c.l. (30 tons), Canad. mines..ton.19.00 - —
7K, bgs., c.l. (30 tons), Canad. mines..ton.16.50 - —
7M, bgs., c.l. (30 tons), Canad. mines..ton.14.00 - —
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b. N. Y....lb. .02½- —
smaller lots, f.o.b. N. Y.lb. .03½- —
AA, bgs., 20 tons, f.o.b. N.Y., lb. .08¼- —
smaller lots, f.o.b. N. Y.lb. .10½- —
California, dms., c.l., f.o.b. N.Y. ton.29.00 - —
l.c.l., f.o.b. N. Y....ton.36.50 - —
Cuban A, bgs., c.l., f.o.b. N. Y. ton.60.00 - —
l.c.l., f.o.b. N. Y....ton.90.00 - —
B, bgs., c.l., f.o.b. N. Y..ton.35.00 - —
l.c.l., f.o.b. N. Y....ton.55.00 - —
Egyptian, bgs., c.l.,f.o.b.N.Y.lb. .12 - —
l.c.l., f.o.b. N.Y....lb. .15 - —
Gilsonite, brilliant black, bgs., c.l., Western shipt. points, ton.32.90 - —
seconds, bgs., c.l., Western shipt. points..ton.25.50 - —
selects, bgs., c.l., Western shipt. points..ton.30.50 - —
l.c.l., f.o.b., N. J. or N. Y., whse..ton.51.00 - —
Jet., bgs., c.l., Western shipping points..ton.30.50 - —
Manjak (see Asphaltum, Barbados)
Mexican, Texas, dms., c.l., refinery..ton.19.00 - —
l.c.l., refinery....ton.21.00 - —
tanks, refinery....ton.16.00 - —
Petroleum, cut-back, bbls., l.c.l., E. cst., refinery..gal. .18 - —
dms., c.l., E. cst., refinery, gal. .12 - —
tanks, Calif, refinery...ton.12.50 -14.00
East Coast, refinery...gal. .06 - .06½
Ill., Ind., refinery....gal. .06½- —
N. Orleans refinery....gal. .06 - —
Atropine, bots....oz. 5.25 - 5.80
sulphate, bots....oz. 2.65 - 2.90
cns....oz. 2.80 - —

B

Balm of Gilead buds, bgs....lb. .33 - .35
Barberry bark, bgs....lb. .20 - .22
Tree bark, bls....lb. .09 - .10
Barbital, cs....lb. 3.25 - 3.30
Barium carbonate, natural, 90%-96%, grd., bgs., c.l., works, ton.41.00 -43.00
99% thru, 200, mesh bgs., c.l., works..ton.43.00 -45.00
precip., bgs., c.l., works..ton.52.50 - —
bbls., works....ton.57.50 - —
l.c.l., bgs., works....ton.57.50 - —
bbls., works....ton.62.50 - —
sulphur-free, bgs., bbls., c.l., works..ton.57.50 -62.50
Chlorate, kgs....lb. .16¼- .17½
Chloride, C.P., cryst., bbls..lb. .19 - —
dms....lb. .20 - —
tech., doms., cryst., bgs., c.l., Zone 1, divd., New England States, N. Y., N. J., Pa., Md., Va., Ohio, Mich., Ind., Wisc., Ill., Ky. and principal cities on west bank of Miss., north of Ark. line....ton.77.00 - —
bbls., same basis..ton.79.00 - —
l.c.l., bgs., same basis. ton.90.00 - —
bbls., same basis..ton.92.00 - —

Barium, chloride, tech., Zone 2, bgs., c.l., divd., Tenn., N. - S. Carolina, Ga., Ala,, Miss., Fla..ton.81.00 - —
bbls., same basis..ton.83.00 - —
l.c.l., bgs., same basis, ton.94.00 - —
bbls., same basis..ton.96.00 - —
cryst., Zone 3, bgs., c.l., Minn., Ia., Mo., Col., N. Mex., Idaho, Utah, Ariz., ton.87.00 - —
bbls., same basis..ton.89.00 - —
l.c.l., bgs., same basis, ton.100.00 - —
bbls., same basis..ton.102.00 - —
Zone 4, bgs., c.l., divd., Wash., Ore., Calif., Nev..ton.83.00 - —
bbls., same basis..ton.85.00 - —
bbls., l.c.l., same basis, ton.96.00 - —
bbls., same basis..ton.98.00 - —
Dioxide, dms....lb. .11 - .15
Fluoride, bbls....lb. .11½- .12
Fluosilicate, bbls....lb. .11½- .12
Hydrate (see Hydroxide).
Hydroxide, bbls....lb. .04¾- .05½
Iodide, bots....lb. 4.45 - 4.50
Monoxide (see Oxide).
Nitrate, cks....lb. .07 - .07½
Oxide, dms....lb. .09 - .11
Peroxide (see Dioxide).
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls....lb. .09½- .10
kgs....lb. .12 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton.23.65 - —
l.c.l., ex whse., Boston, ton.36.00 - —
Chicago....ton.31.15 - —
Cleveland....ton.33.50 - —
New York....ton.32.00 - —
paper bgs., c.l., St. Louis, ton.22.85 - —
l.c.l., ex car, Baltimore, ton.30.70 - —
Boston....ton.31.70 - —
Philadelphia....ton.30.50 - —
ex whse., Baltimore.ton.32.10 - —
Boston....ton.35.20 - —
Chicago....ton.30.35 - —
Cleveland....ton.33.00 - —
Detroit....ton.33.00 - —
Kansas City....ton.30.93 - —
Los Angeles....ton.42.00 - —
New York....ton.31.50 - —
Philadelphia....ton.31.90 - —
San Francisco....ton.42.00 - —
Toronto....ton.39.30 - —
southern off color, bulk, mines, ton.12.00 - —
95,75%, bulk, mines....ton.16.00 - —
ore, bulk, mines, long ton. 7.00 - —
German, grd., bbls., c.l., dock, t.a..ton.25.00 -26.00
l.c.l., ex whse....ton.30.00 - —
ungrd., bulk, c.l., ex dock, ton.13.00 -14.00
Italian, grd., bbls., c.l., ex dock, t.a..ton.29.50 Nom.
l.c.l., ex whse....ton.32.50 - —
Bauxite, bulk, mines....ton. 7.00 -10.00
Bay leaves (see Laurel leaves)
Bay rum, import, bbls....gal. .71½ Nom.
Bayberry bark, bgs....lb. .15 - .16
Belladonna leaves, bls....lb. .14 - .17
Root, bls....lb. .11½- .12
Bentonite, 200 mesh, bgs., Wyo. works..ton.11.00 - —
325 mesh, bgs., Wyo. works, ton.16.00 - —
Benzaldehyde, tech., cbys., dms., lb. .60 - .70
USP, X, dms., 50 to 100 lbs..lb. .85 - —
5 to 25 lbs....lb. .90 - .95
Benzene (see benzol).
Benzidin base, bbls....lb. .70 - —
Benzol, 90%, nitration, pure, dms., works..gal. .21 - —
tankcars, frt. alld. E. of Omaha..gal. .16 - —
W. coast, f.o.b., Minnequa, Colo..gal. .16 - —
Benzoyl chloride, dms....lb. .40 - .47
Peroxide, pure, gran., fib. ctns., works..lb. 1.95 - —
Benzyl acetate, f.f.c., cns....lb. .49 - —
dms....lb. .44 - —
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., cns..lb. .94 - —
dms....lb. .89 - —
Chloride, 95-97%, refd., dms., lb. .30 - .40
tech., dms....lb. .25 - .26
Formate, cns....lb. 2.75 - 3.00
Benzylidineacetone, bots....lb. 2.20 @ 3.50
Berberine bisulphate, cns....lb.16.75 - —
Hydrochloride, cns....lb.16.75 - —
Sulphate, cns....lb.16.75 - —
Berberis root, bls....lb. .15 - .16
Betanaphthol, subim., bbls....lb. .55 - —
kgs....lb. .60 - —
tech., bbls., c.l., works....lb. .23 - —
l.c.l., bbls., works....lb. .24 - —
Benzoate, fib, dms....lb. 2.10 - —
kgs....lb. 2.00 - —
Betanaphthylamine, tech., kgs.lb. .51 - —
Beth root, bls....lb. .20 - .23
Bismuth chloride, 5-lb. bots...lb. 3.20 - 3.25
Citrate, USP, VIII, 5-lb. bots., lb. 2.76 - —
jars....lb. 2.65 - —
Hydroxide, 5-lb. bots....lb. 3.27 - —
cns....lb. 3.15 - —
Metal, ton lots....lb. 1.05 - —
Nitrate, cryst., 5-lb. bots...lb. 1.34 - —
cns....lb. 1.20 - —
Oxychloride, 5-lb. bots....lb. 3.04 - —
cns., kgs....lb. 2.95 - —
Subbensoate, 5-lb. bots....lb. 3.36 - —
fib, dms....lb. 1.13 - 1.16
Subcarbonate, bots., cns....lb. 1.22 - 1.45
fib. dms....lb. 1.13 - 1.16
X-ray, 5-lb. bots....lb. 2.42 - —
fib. dms....lb. 2.36 - —
Subgallate, bots., cns....lb. 1.42 - 1.66
fib. dms....lb. 1.33 - 1.36
Subiodide, cns....lb. 3.91 - —
fib. dms....lb. 3.83 - —
Subnitrate, powd., bots., cns. lb. 1.12 - 1.39
fib. dms....lb. 1.03 - 1.06
Subsalicylate, 62-66%, bxs..lb. 2.44 - —
bbls., fib. dms....lb. 2.35 - —
Sulphocarbolate, 5-lb. bots....lb. 3.61 - —
fib. dms....lb. 3.50 - —
Trioxide, powd., 5-lb. bots...lb. 3.56 - —
cns....lb. 3.45 - —
Bismuth-ammonia citrate, USP, powd., 5-lb. bots..lb. 3.40 - —
cns....lb. 3.30 - —
Bismuth-betanaphthol, 5-lb. bots., lb. 3.14 - —
fib. dms....lb. 3.05 - —
Black, acetylene, c.l., works, duty paid..lb. .14 - —
Bone, 1A, bbls., bgs., c.l., frt. alld. E..lb. .16 - —
l.c.l., frt. alld. E....lb. .16¼- —
1, bbls., bgs., c.l., frt. alld. E..lb. .12 - —
l.c.l., frt. alld. E....lb. .12½- —

improved sulphonated tallow softening nt is Cyanamid's **CREAM SOFTENER** for finishing of textiles. It is excellent every type or grade of cotton cloth, ther dyed, printed or bleached. Pro- es a white emulsion speedily in water, ls white indefinitely and will not yellow.

ROCASE is the modern two-component -hardening compound made by the neers in activated baths. It assures the st accurate control over uniformity of dness and depth of case. Cyanamid en- eers will prescribe the operating condi- tions best suited for its use in your plant— to achieve better metallurgy at lower cost.

SULPHATE OF ALUMINA—Commercial 17% and Iron Free Sulphate of Aluminum, made by Cyanamid, is of an exceptionally high quality because of the rigid system of control used in its production. One of its most important ingredients, Bauxite, is mined from Cyanamid's own mines in Georgia, Arkansas and South America; the most careful precautions are taken throughout the manufacturing process. This is why it is being used more and more extensively by paper mills for sizing; by tanners; in the manufacture of printing inks, dry and lake colors and soap, and in municipal water filtration.

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Watch this column monthly for the announcement of other interesting Cyanamid developments. Technical information on these and other Cyanamid products is available on request.

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‡Registered U. S. Patent Office.

American Cyanamid & Chemical Corporation

30 ROCKEFELLER PLAZA • NEW YORK, N. Y.

Black, Bone—Chloral Hydrate

Black, bone, 2 bbls., bgs., c.l., frt. alld. E..lb. .10½- —
l.c.l., frt. alld. E.....lb. .11 - —
3. bbls., bgs., c.l., frt. alld. E..lb. .09¼- —
l.c.l., frt. alld. E.....lb. .10 - —
4. bbls., c.l., frt. alld. E..lb. .08½- —
l.c.l., frt. alld. E.....lb. .09 - —
5. bbls., bgs., c.l., frt. alld. E..lb. .07½- —
l.c.l., frt. alld. E.....lb. .08 - —
6. bbls., c.l., frt. alld. E...lb. .05½- —
l.c.l., frt. alld. E.....lb. .06 - —
7. bbls., bgs., c.l., frt. alld. E..lb. .09 - —
l.c.l., frt. alld. E.....lb. .09½- —
8. bbls., bgs., c.l., frt. alld. E..lb. .10 - —
l.c.l., frt. alld. E.....lb. .10½- —

Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.

Carbon, special, 1, bgs., c.l., dlvd..lb. .03¾- .04¾
bgs., ctns., l.c.l., dlvd..lb. .06¾- —
cs., l.c.l., dlvd.....lb. .07¼- —
2, bgs., c.l., works.....lb. .08½- —
l.c.l., dlvd.....lb. .10½- —
cs., l.c.l., dlvd.....lb. .12 - —
3, bgs., c.l., works.....lb. .13 - —
l.c.l., dlvd.....lb. .14½- —
cs., l.c.l., dlvd.....lb. .16½- —
4 bgs., c.l., works.....lb. .27½- —
cs., c.l., works.....lb. .29 - —
l.c.l., dlvd.....lb. .32 - —
5, bgs., cs., c.l., works..lb. .40 - —
cs., l.c.l., dlvd.....lb. .44 - —
6, cs., l.c.l., dlvd.....lb. .60 - —
7, cs., l.c.l., dlvd.....lb. 1.10 - —
standard, bgs., c.l., dlvd., rail zone A (Gulf ports), for delivery in Nor. Amer. (water freights extra)..lb. .02¾- —
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports)..lb. .0310- —
50,000 lbs., dlvd., Zone C (Pac. Cst. States).lb. .0319- —
30,000 lbs., dlvd., Zone C, Pac. Cst. States..lb. .0335- —
D (Ill., Ia., Wis.)..lb. .03¼- —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y., Ohio, part of Pa., Tenn., W. Va.)...lb. .0341- —
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.)..lb. .03¾- —
G (Mexico) f.o.b. border, lb. .03 - —
f.o.b. N. Orleans, lb. .029 - —
l.c.l., f.o.b. whse.....lb. .05¾- —
bgs. or ctns. (sellers option) l.c.l., dlvd..lb. .06¼- —
bulk, tanks, same price as bags in each zone.
cs., l.c.l., dlvd.....lb. .07 - —
export, full, compressed, cs., f.a.s., Gulf ports..lb. .04¾ Nom.
uncompressed, cs., f.a.s. Gulf ports..lb. .05¼ Nom.
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, 1, bbls., l.c.l., works..lb. .07¾- .08½
2, bbls., l.c.l., works....lb. .07 - —
pure, bbls., works.....lb. .08¾- —
Ivory, genuine, bbls.....lb. .30 - .35
Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works.....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
Import, 1, bbls., c.l., f.o.b. N. Y..lb. .08 - —
l.c.l., f.o.b., N. Y.....lb. .09 - —
2, bbls., c.l., f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y.....lb. .12 - —
3, bbls, c.l., f.o.b. N. Y..lb. .13 - —
l.c.l., f.o.b., N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b. N. Y..lb. .14 - —
5, bbls., c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y.....lb. .20 - —
6, bbls., c.l., f.o.b. N.Y...lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .25 - —
Vine, A. bbls., works or N. Y., lb. .04¼- —
B, bbls., works or N. Y....lb. .05¼- —

Black dyes are listed under dyes.

Black haw, root bark, bls....lb. .25 - .26
Tree bark bls.....lb. .15 - .16
Black Indian hemp root, bls...lb. .16 - .18
Blanc fixe, dry, by-product, bgs., c.l..ton.55.00 - —
l.c.l. .....ton.60.00 - —
high grade precip., bgs., c.l., works, frt. equal.ton.70.00 - —
l.c.l., same basis....ton.75.00 - —
pulp, 66⅔%, bulk, c.l., works. ton.40.00 -42.50
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.85
l.c.l., works.....100 lbs. 2.25 - 3.35
Blood, dried, dom., 16-16½ ammon., bgs., f.o.b. N. Y., unit-ton. 3.00 - —
high-grade, grd., 16-17 ammon., bulk, f.o.b. Chi., unit-ton. 3.00 - —
import, bgs., c.i.f. ports, shipt., unit-ton. 3.20 Nom.
soluble (see Albumen, blood)
Bloodroot, bls.....lb. .14 - .15
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C. E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lb. .90 - —

Alkali blue toner prices are ½c. higher dlvd Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Bronze, bbls., same basis, alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Celestial, bbls.....lb. .10 - .12
Chinese, bbls., same basis, alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Cobalt, genuine, 1-kilo pkg. lb. 4.90 - —
Imitation (see Blue, ultramarine, group 6).
Copper phthalocyanin, bbls., f.o.b. works, frt. alld..lb. 3.30 - 3.75
Milori, bbls., same basis alkali toner, contracts..lb. .36 - —
open order .....lb. .37 - —
Blue, potash, dom., bbls., same basis alkali toner, contracts..lb. .45 - —
open order .....lb. .46 - —
Prussian, bbls., same basis alkali toner, contracts.lb. .36 - —
open order .....lb. .37 - —
Soluble, bbls., same basis alkali toner, contracts, lb. .36 - —
open order .....lb. .37 - —
Tungstated, peacock, kegs....lb. 3.75 - —
Victoria, kgs.....lb. 3.25 - —
Ultramarine, dry, jobbing, bbls., works, frt. equaled..lb. .11 - —
regular, 1, bbls., works, frt. equaled..lb. .16 - —
2, bbls., same basis....lb. .18 - —
3, bbls., same basis....lb. .19 - —
4, bbls., same basis....lb. .20 - —
5, bbls., same basis....lb. .23 - —
6, cobalt, A, bbls., same basis..lb. .27 - —
B, bbls., same basis.lb. .24 - —
C, bbls., same basis.lb. .23 - —
D, bbls., same basis.lb. .22 - —
7, A, bbls., same basis.lb. .23 - —
B, bbls., same basis..lb. .22 - —
special, 1, bbls., same basis, lb. .19 - —
2, bbls., same basis....lb. .20 - —
3, bbls., same basis....lb. .22 - —
4, bbls., same basis....lb. .23 - —
5, bbls., same basis....lb. .25 - —
6, bbls., same basis....lb. .27 - —
pulp, 1, bbls., same basis..lb. .27 - —
2, bbls, same basis.....lb. .25 - —
3, bbls., same basis.....lb. .23 - —
4, bbls., same basis.....lb. .20 - —
Ultramarine, blue, dlvd., ex whse., is 1c. higher; Pac. Coast ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 28-lb. boxes 5c. above bbls.

Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —

Blue dyes are listed under Dyes.
Blueflag root, bls.....lb. .15 - .16
Blue mass, USP., cns., kgs..lb. 1.00 - 1.02
Blue vitriol, 99%, cryst., bbls., c.l. f.o.b. works..100 lbs. 4.15 - —
15-50 bbls., same basis, 100 lbs. 4.30 - —
6-15 bbls., same basis, 100 lbs. 4.40 - —
1-5 bbls., same basis, 100 lbs. 4.65 - —
Blue vitriol, monohydrated, dms., c.l., dealer, f.o.b. works. 100 lbs. 8.50 - 8.75
l.c.l. dealers....100 lbs. 9.50 - 9.75
Bluestone (see Blue vitriol).
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago..ton.27.00 -28.00
c.i.f. Atlantic ports....ton.27.50 - —
import, bgs., c.i.f., ports.ton.25.00 Nom.
meal, steamed, dom., 3% ammon. 50% phos., bgs., f.o.b. Chicago..ton.22.00 -24.00
import, 100-lb. bgs., c.i.f. ports, shipt..ton.22.50 - —
phosphate, precip. (see Calcium phosphate dibasic, precip.).
steamed, dom., 1½% ammon. 60% phos., bgs., f.o.b. Chicago..ton.19.00 -20.00
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports..ton.21.00 - —
Borage flowers, bls.....lb. .20 - .21
Borax, tech., 99½%, cryst., bbls., contracts, 80 tons min., dlvd..tons.58.00 - —
l.c.l., ex whse.....ton.67.00 -72.00
sks., contracts, 80 tons min., dlvd..tons.48.00 - —
l.c.l., ex whse.....ton.57.00 -62.00
gran., bbls., contracts, 80 tons min. dlvd..ton.53.00 - —
l.c.l., ex whse.....ton.64.00 -69.00
sks., contracts, 80 tons min., dlvd..ton.43.00 - —
l.c.l., ex whse.....ton.54.00 -59.00
powd., bbls., contracts, 80 tons min., dlvd..ton.58.00 - —
l.c.l., ex whse.....ton.69.00 -74.00
sks., contracts, 80 tons min. dlvd..ton.48.00 - —
l.c.l., ex whse.....ton.59.00 -64.00
USP, $15 per ton higher.
Bordeaux mixture, dms., c.l., dealers..lb. .11 - —
l.c.l., dealers, dms..lb. .11½- —

Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 96 lbs., and over; no trucking or freight allowances for works or warehouse pick-ups.

Borneol, bots. .....lb. 1.75 - 2.00
cns. .....lb. 1.50 - —
Brazilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .30 - —
single pkg., same basis.lb. .35 - —
Bromoform, USP, bots.....lb. 1.40 - 1.60
Bromstyrol, bots. .....lb. 3.25 - 4.50
Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs..lb. .45 - .65
moulding, cns., dms., over 10 lbs..lb. .65 - .90
printing ink, cns., dms., over 10 lbs..lb. .70 - 1.10
radiator, cns., dms., over 10 lbs..lb. .45 - .50
Broomtop, bls. .....lb. .11 - .13
Brown, iron oxide, pure precip., cks., f.o.b. N.Y., or works..lb. .10 - —
Metallic, bbls., works.....lb. .02¼- —
paper bags, c.l., works....lb. .0210- —
Sienna, burnt, American, bbls., works..lb. .03 - —
Italian, Group 1, bbls., f.o.b. N. Y. or Pa. points..lb. .12¼- —
Group 2, bbls., same basis, lb. .11¼- —
3, bbls., same basis...lb. .10¾- —
4, bbls., same basis...lb. .08¾- —
5, bbls., same basis...lb. .08¾- —
6, bbls., same basis...lb. .08¼- —
7, bbls., same basis...lb. .08 - —
8, bbls., same basis...lb. .07¾- —
9, bbls., same basis...lb. .07¼- —
10, bbls., same basis..lb. .06¾- —
11, bbls., same basis..lb. .06¾- —
12, bbls., same basis..lb. .06¼- —
13, bbls., same basis..lb. .06 - —
14, bbls., same basis..lb. .05½- —
raw, American, bbls., works, lb. .02¾- —
Italian, Group 1, bbls., f.o.b., N. Y. or works...lb. .12½- —
Group 2, bbls., same basis, lb. .10¾- —
3, bbls., same basis...lb. .11 - —
4, bbls., same basis...lb. .09½- —
5, bbls., same basis...lb. .09 - —
6, bbls., same basis...lb. .08½- —
7, bbls., same basis...lb. .07¾- —
8, bbls., same basis...lb. .07¼- —
9, bbls., same basis...lb. .06¾- —
10, bbls., same basis..lb. .06 - —
11, bbls., same basis..lb. .05 - —
Umber, American, bbls., works, lb. .02¾- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Pa., Easton, Pa., N. Y..lb. .04 - —
St. Louis.....lb. .04¾- —
ex car Los Angeles...lb. .04½- —
ex dock, Portland, San Francisco, Seattle..lb. .04¾- —
Brown, umber, Turkey, bbls., l.c.l., ex whse, Boston, lb. .04½- —
Chicago, Indianapolis, New Orleans.....lb. .04¾- —
Kansas City.....lb. .05 - —
Los Angeles, Portland, San Francisco, Seattle, lb. .04¾- —
Minneapolis .....lb. .0485- —
Pittsburgh .....lb. .04¼- —
Vandyke, bbls., l.c.l.....lb. .05¾- —
Walnut crystals, bbls.....lb. .05½- .06
Brucine, 100 oz., cns.....oz. .10 - —
Sulphate, 100 oz., cns.....oz. .07 - —
Bryonia root, bls.....lb. .10 - .11
Buchu leaves, bls. .....lb. .41 - .43
Buckthorn bark, true, bls.....lb. .05 - .05½
Berries, bgs. .....lb. .18 - .19
Burdock root, bls. .....lb. .10 - .10½
Burgundy pitch, dom., bbls., c.l., works..lb. .05½- —
l.c.l., dlvd. E.....lb. .06¼- —
import, stands.....lb. .15 - .16
Butanes, coml., 16-34°, tanks, group 3..gal. .03¾- —
Butternut bark, bls.....lb. .07 - .08
Butyl acetate, norm., dms., c.l., contract, frt. alld..lb. .09½- —
l.c.l., contract, frt.alld..lb. .10 - —
tanks, contract, frt. alld..lb. .08½- —
secondary, dms., c.l., frt. pd. E. of Rocky Mts..lb. .08 - —
l.c.l., same terms.....lb. .08½- —
tanks, same terms .....lb. .07 - —
Alcohol (see Alcohol):—
Aldehyde, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- .17½
tanks, works.....lb. .14½- —
Carbinol (see Carbinol).
Crotonate, normal, 55 & 110 gal. dms., dlvd..lb. .33 - —
5 & 10 gal. dms., dlvd....lb. .36 - —
Ether (see under Ether).
Lactate, dms. .....lb. .22½- —
Propionate, dms., dlvd.....lb. .16½- .17
tanks .....lb. .15½- —
Stearate, dms. .....lb. .26 - —
Butyric ether, bots.....gal. 6.60 - 6.95
cns., works .....lb. .65 - .70
dms., frt. alld. Met. N. Y..lb. .60 - —

C

Cadmium bromide, jars, 100 lbs., works, frt. equal'd..lb. 1.66 - —
50 lbs., works.....lb. 1.66 - —
25 lbs., works.....lb. 1.71 - —
bots., 5 lbs., works.....lb. 1.85 - —
Iodide, 5-lb. bots.....lb. 4.21 - —
25-lb. cns.....lb. 3.97 - —
Lithopone (see Yellow)
Metal, cs..... .....lb. 1.20 - —
Red (see Red).
Selenide (see Red).
Sulphide (see Yellow).
Caffeine, 100-lb. dms., 10,000 lbs. or more..lb. 2.20 - —
2,000 lbs., or more.....lb. 2.25 - —
1,000 lbs., or more.....lb. 2.30 - —
100 lbs.....lb. 2.35 - —
25-lb. dms., 10,000 lbs., or more..lb. 2.23 - —
2,000 lbs., or more.....lb. 2.28 - —
1,000 lbs., or more.....lb. 2.33 - —
100 lbs.....lb. 2.43 - —
25 lbs.....lb. 2.55 - —
10-lb. cns., 10,000 lbs. or more. lb. 2.25 - —
2,000 lbs., or more.....lb. 2.30 - —
1,000 lbs., or more.....lb. 2.35 - —
100 lbs.....lb. 2.45 - —
less than 100 lbs.....lb. 2.75 - —
5-lb. cns., 25 lbs., or more..lb. 2.70 - —
less than 25 lbs.....lb. 2.85 - —
Citrated, cns.....lb. 1.80 - 2.10
Hydrobromine, bots.....lb. 4.91 - 4.99
Calabar beans, bgs.....lb. .25 - .26
Calamus root, bleached, cs....lb. .40 - .41
peeled, bls.....lb. .10 - .12
Calcium acetate, bgs., dlvd. 100 lbs. 1.65 - —
Arsenate, bgs., c.l., dealers, E. of Rockies..lb. .06¾- .07¼
W. of Rockies, bgs., dms., lb. .06½- .06¾
Southern cotton states, bgs., lb. .06½- .07

Calcium arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.

Bromide, 100 lbs., works, frt. equaled..lb. .70 - —
50 lbs., works.....lb. .72 - —
25 lbs., works.....lb. .75 - —
Carbide, dms.....lb. .05 Nom.
Carbonate (see Chalk and Whiting).
Chloride, flake, dom., 77-88%, bgs., dms., c.l., dlvd. ton.22.00 -35.00
l.c.l., 1 ton or over, dlvd. 100 lbs. 1.70 - 2.35
liquor, basis 40%, tanks, works ton. 7.50 - —
solid, dom., 73-75%, bgs., dms., c.l., dlvd..ton.20.00 -33.00
l.c.l., 1 ton or over, dlvd. 100 lbs. 1.60 - 2.25
Gluconate, U.S.P., gran., powd., bbls., 125 lbs..lb. .50 - —
dms. .....lb. .55 - .57
cns. .....lb. .68 - .85
Glycerophosphate, fib., dms., 1,000-lb. lots..lb. 1.00 - —
smaller lots.....lb. 1.15 - —
cns., 25 lbs.....lb. 1.40 - —
Hypophosphite, cns.....lb. .62 - .67
Iodide, bots., jars.....lb. 3.85 - 3.90
Lactate, U.S.P., bbls., 200 lbs.lb. .23 - —
Levulinate, bots., less than 25 lbs., works..lb. 3.00 - —
Nitrate, bgs., to fert. mfrs., ex vessels, Camden, N. J., or f.o.b. cars, So. Atlantic ports ton.28.00 - —
Palmitate, bbls.....lb. .22 - .23
Phosphate, dibasic, precip., 38-42% P_2O_5, bgs., c.i.f. Atlantic ports, shipt..unit-ton. .81 - —
tribasic, c.l., bbls., works..lb. .06½- —
l.c.l., bbls.....lb. .07½- —
Resinate, precip., bbls., 1 ton.lb. .13 - —
smaller lots.....lb. .14 - —
Stearate, precip., bbls., ctns., c.l..lb. .19 - —
l.c.l., 1 ton.....lb. .20 - —
Sulphate (see Gypsum).
Sulphide, 65-70%, CaS, wks., c.l..ton.64.00 - —
l.c.l. .....ton.68.00 - —
75% CaS (minus 100 mesh), c.l., works..ton.52.00 - —
l.c.l., works.....ton.56.00 - —
83-85 CaS, c.l., works...ton.58.00 - —
l.c.l., works.....ton.64.00 - —
luminous, dom., tins, works, 100 lbs. .85 - —
Sulphocarbolate, bbls., 200 lbs.lb. .48 - —
kgs., 100 lbs.....lb. .50 - —
Calendula flowers, bls.....lb. .35 - .36
Calomel, bbls., fib., dms., kgs., 50 lbs., or more..lb. 1.28 - —
Camphor, natural, powd., cs...lb. .52½- .53
slabs, cs. .....lb. .52½- .53
tablets, tins .....lb. .57 - .57½
synthetic, dom., imp., gran., powd., bbls., 2,000-lb. lots lb. .47 - —
1,000-lb. lots .....lb. .48 - —
500-lb. lots .....lb. .49 - —
100-lb. lots .....lb. .50 - —
Monobromate, bxs., kgs.....lb. 1.75 - 1.80
Canada balsam (see Fir balsam).
Canary seed, Argentine, bgs..lb. .0450- .0490
Morocco, bgs.....lb. .0450- .0490
Turkish, bgs.....lb. .0450- .0490
Canella alba bark, bls.....lb. .30 - .31
Cantharides, Chinese, cs.....lb. .60 - .70
powd., bxs.....lb. .70 - .80
Russian, cs.....lb. 1.00 - 1.05
powd., bxs.....lb. 1.05 - 1.10
Capsicum (see Pepper, red).
Caraway seed, Dutch, bgs....lb. .06¾- .07½
Carbazole, 95%, dms., ton lots, works..lb. .70 - —
smaller quantities, works..lb. .80 - —
98%, dms., ton lots, works..lb. .75 - —
smaller quantities, works..lb. .85 - —
Carbinol, butyl, norm., dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
secondary, dms., works...lb. .60 - —
small lots, works.....lb. .75 - —
Diethyl, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Isobutyl, 128-132°, dms., c.l., works..lb. .33 - —
l.c.l., works.....lb. .34 - —
tanks, works.....lb. .32 - —
Methylpropyl, dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
Dimethylethyl, dms., works.lb. .60 - —
small lots, works.....lb. .75 - —
Carbon bisulphide, 55-gal. dms., c.l., frt. all'd. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l., same basis.....lb. .05¾- —
5-gal. dms., c.l., same basis, lb. .07 - .07½
l.c.l., same basis.....lb. .08 - .08½
tanks, same basis.....lb. .04½- —
Dioxide, cyls. .....lb. .06 - .08
Tetrachloride, 55-gal. or 110-gal. dms., c.l. (20 tons), frt. alld. E. of Miss. R., N. of Ohio R..lb. .05¼- —
l.c.l., same basis.....lb. .05¾- —
10-gal. dms., c.l. (20 tons), same basis..lb. .07 - .07½
l.c.l., same basis.....lb .08 - .08½
5-gal. dms., c.l. (20 tons), same basis..lb. .07 - .07½
l.c.l., same basis.....lb. .08 - .08½
tanks, same basis.....lb. .05 - —
Fire extinguisher liquid, 1½c. lb. higher.
Cardamom, bleached, cs.....lb. 1.30 - 1.65
decorticated, cs. .....lb. .80 - .82
green, bgs. .....lb. .52 - .54
Carvol, bots. .....lb. 4.00 - 4.25
Cascara sagrada bark, bulk....lb. .09 - .09½
Case-hardening mixture, 30% lump, dms., l.c.l..lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd..lb. .08 - —
5 tons, works.....lb. .09½- —
smaller lots, works.....lb. .10½- —
80-100 mesh, bgs., c.l., dlvd., lb. .08½- —
5 tons, works.....lb. .10 - —
smaller lots, works.....lb. .11 - —
Import, Argent., 20-30 mesh, bgs., c.l., duty pd...lb. .12½-Nom.
80-100 mesh, bgs., c.l. duty paid..lb. .13 Nom.
French, 30 mesh, bgs., c.l., duty pd..lb. .17 Nom.
Cassia, Batavia, 1, bgs.....lb. .16¼- .16½
3, bls. .....lb. .10½- .11
shortstick, bls.....lb. .12¾- .13
China, rolls, select, cs.....lb. .07 - .07¼
broken, extra, bls.....lb. .04½- .04¾
Saigon, bls.....lb. .15 - .15½
Cassia buds, cs.....lb. .15¼- .15¾
Cassia fistula, bskts.....lb. .07 - .09
Castile soap, white, bars., cs., 40 lbs.11.75 -12.50
powd., bbls. .....lb. .28 - .35
Castoreum, nat., cns.....lb.15.00 -18.00
synth., bots. .....lb.19.00 - —
Castor oil (see Oil, castor).
Pomace, dom., 5% ammon., bgs., c.l., works..ton.18.50 - —
import, bgs., c.i.f., ports, shipment..ton.21.00 - —
Catnep leaves, bls. .....lb. .17 - .18
Celery seed, French, bgs.....lb. .14 - .14½
Indian, bgs.....lb. .12 - .12½
Celluloid scrap (see Pyroxylin scrap).
Cellulose acetate, flake, gran., cs., frt. alld..lb. .40 - —
Acetobutyrate, 501 lbs. and over, works..lb. .52 - —
101 lbs., works.....lb. .53 - —
smaller lots, works.....lb. .55 - —
Acetopropionate, 500 lbs. and over, works..lb. .57 - —
100-499 lbs., works.....lb. .58 - —
1-99 lbs., works.....lb. .60 - —
Cerium hydrate, dms., works..lb. .60 - —
Oxalate, USP, bbls., works..lb. .35 - —
kgs., works .....lb. .37 - —
Chalk, precip., extra light, light, heavy, bgs., 50 lbs., c.l., f.o.b., works..lb. .02¾- —
cks., 250 lbs., c.l., f.o.b., works..lb. .03¼- —
Chamomile flowers, Hungarian, genuine, cs..lb. .18 - .20
Roman, bls. .....lb. .27 - .28
Charcoal, softwood, powd., bgs., c.l., dlvd., Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va..ton.30.40 - —
Colo. .....ton.27.00 - —
Conn., Me., Mass., N.H., R. I., Vt. .....ton.30.80 - —
Ill. (except river point), Minn., Neb., Wis.ton.25.00 - —
Indiana .....ton.26.00 - —
Ill. (river points), Ia., Mo., Okla., Tex. (except El Paso)..ton.23.00 - —
Kansas, El Paso, Tex., ton.24.00 - —
Michigan .....ton.27.80 - —
Ohio, Penn. .....ton.29.80 - —
Utah .....ton.34.00 - —
Willow, powd., bbls. .....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls., c.l., works.lb. .02125- —
l.c.l., bbls., works.....lb. .0225- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works.....ton.10.00 -16.00
bulk, c.l., works.....ton. 7.00 - —
200 mesh, bgs., c.l., works..ton. 8.50 - —
l.c.l., works.....ton. 9.50 -15.50
wet-grd., silk-bolt, 99.9%, 325 mesh, bulk, c.l., works, ton. 9.50 - —
paper bgs., c.l., works, ton.12.50 - —
import, white, lump, bulk, c.l., ex dock Balto. Boston, Norfolk, Phila..ton.22.00 -25.00
powd., csks., l.c.l., ex dock, ton.35.00 - —
ex whse. .....ton.37.50 - —
Chloral hydrate, bots., 1,000 lbs. lb. .83 - .92
500 lbs.....lb. .86 - .95
100 lbs.....lb. .88 - .97
25 lbs.....lb. .90 - .99
1-10 lbs.....lb. .95 - 1.02
dms., 1,000 lbs.....lb. .80 - —
500 lbs.....lb. .83 - —
100 lbs.....lb. .85 - —

Chlorine, liq., cyls., c.l., dlvd., N. Y..lb. .05½- —
contracts, dlvd., N.Y....lb. .05½- —
l.c.l., dlvd., N.Y.....lb. .07½- —
Chlorine, tanks, single unit, works, frt. equaled..100 lbs. 2.15 - —
multiple unit, 3 or over, wks., frt. equald.100 lbs. 2.30 - —
2, works, frt. equaled.100 lbs. 2.55 - —
1, works, frt. equald..... 100 lbs. 3.00 - —
Chloroacetophenone, tins, works.lb. 3.00 - 3.50
Chloroform, tech., 650-lb. dms.lb. .20 - —
100-lb. dms.....lb. .22 - —
50-lb. dms.....lb. .23 - —
USP, 650-lb. dms.....lb. .30 - —
100-lb. dms.....lb. .32 - —
50-lb. dms.....lb. .33 - —
Chloropicrin, coml, 100-lb. cyls., works..lb. .85 - —
5-lb. cycls., same basis..lb. 1.15 - —
Chrome acetate, powd., 17.5% cr., bbls., works..lb. .13 - —
smaller pkgs., works....lb. .17 - —
solut., 8%, cs., bbls.....lb. .05 - .08
Cake, bulk, c.l., works.....ton.15.00 -16 00
Green (see Green, chrome).
Oxide (see Green, chrome oxide).
Chrome, sulphate, pearls, dms., 100 lbs..lb. .40 - —
powd., dms., 100 lbs.....lb. .45 - —
scales, dms., 100 lbs.....lb. .45 - —
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, cns.....lb. 3.25 - 3.30
Cinchona bark, chips, bgs.....lb. .18 - .19
high test, bgs.....lb. .37 - .38
quills, broken, bgs.....lb. .18 - .19
long, cs. .....lb. .45 - .50
short, bgs. .....lb. .40 - .45
Ecuador, tubes.....lb. .18 - .20
Cinchonidine, crys., small cns., 100 ozs..oz. .83 - —
large, cns.....100 ozs. .87 - —
powd., cns.....100 ozs..oz. .80 - —
Sulphate, N.F., cns.100 ozs..oz. .47 - —
Cinchonine, crys., small, cns., 100 ozs..oz. .54 - —
large, cns.....100 ozs..oz. .58 - —
powd., cns.....100 ozs..oz. .50 - —
Sulphate, N.F., cns.100 ozs..oz. .34 - —
Cinchophen, USP, boxes, 5 lbs., lb. 3.75 - —
bots., 1 lb.....lb. 3.27 - —
dms., 100 lbs.....lb. 3.00 - —
Cinnamic alcohol (see Alcohol cinnamic).
Aldehyde, f.c.c., cbys.....lb. .85 - .90
Cinnamon, Ceylon, 2, bls.....lb. .16 - .16½
3, bls.....lb. .16½- .16¾
Citral, bots., cns.....lb. 1.40 - 3.10
Citrine, ointment, jars, tubes..lb. .75 - —
Citronellal, bots., dms.....lb. .75 - .80
Citronellol, bots., dms.....lb. 1.75 - 1.80
Clove, Madagascar, bls.....lb. .13¾- .14
Zanzibar, bls.....lb. .16½- .17
Clover tops, bgs.....lb. .13 - .14
Coaltar, coal-gas, crude, bbls., c.l., works..bbl. 7.50 - 7.75
l.c.l., works.....bbl. 8.25 - 8.50
tanks, works.....gal. .07½- .09
refd., bbls., c.l., works....bbl. 8.00 - 8.25
l.c.l., works.....bbl. 8.75 - 9.00
tanks, works.....gal. .08½- .10
water-gas, crude, dms., c.l., works..dm. 7.50 - —
l.c.l., works.....dm. 8.25 - —
refd., dms., c.l., works....dm. 8.00 - —
l.c.l., works.....dm. 8.75 - —
Cobalt acetate, bbls., kgs., dlvd. lb. .65 - .67
Carbonate, tech., bbls., dlvd.lb. 1.63 - —
Chloride, dms., works.....lb. 1.03 - 1.18
Hydrate, bbls.....lb. 1.78 - —
Linoleate, paste, 6%, dms....lb. .31 - —
solid, 8½%, bbls.....lb. .33 - —
Oleate, bbls.....lb. .25 Nom.
Oxide, black, kgs.....lb. 1.67 - —
Resinate, fused, A, bbls.....lb. .13½- —
1%, bbls.....lb. .13 - —
2%, bbls.....lb. .14 - —
3½%, bbls.....lb. .17½- —
precip., dms., dlvd.....lb. .34 - —
Sulphate, dms.....lb. .59 - —
Cocaine hydrochloride, 100 ozs., cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .35 - .38
Teneriffe, silver, bgs.....lb. .36 - .39
Cocillana bark, bgs.....lb. .16 - .17
Cocoa butter, lump, bgs., c.l..lb. .12 - .12½
Codeine, cns., 100 ozs.....oz.11.70 - —
Hydrochloride, cns., 100 ozs.oz. 10.50 - —
Phosphate, cns., 100 ozs.....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh, black, root, bls.....lb. .08 - .09
Blue, root, bls.....lb. .07 - .07½
Colchicine, bots., 4 ozs.....oz.20.00 - —
single ozs. .....oz.21.00 - —
Colchicum seed, bgs.....lb. .25 - .27
Collodion, USP, dms., 325 lbs..lb. .12½- —
cns., 25 lbs.....lb. .16 - —
Flexible, USP, dms., 325 lbs.lb. .14½- —
cns., 25 lbs.....lb. .18 - —
Colocynth pulp, bls.....lb. .25 - .29
Colombo root, bls.....lb. .11 - .12
Coltsfoot leaves, bgs.....lb. .08 - .09
Condurango bark, bgs.....lb. .08 - .09
Conium leaves, bls.....lb. .17 - .18
Copaiba balsam, Para, cns....lb. .24 - .25
S.A., USP, cns.....lb. .26 - .27
Copper acetate, normal, bbls., dlvd..lb. .21 - —
smaller containers, dlvd..lb. .23 - —
Carbonate, 52-54%, bbls.....lb.13.20 -14.20
20%, bbls.....lb. .10½- .11½
Chloride, cryst., bbls.....lb. .12½- .13½
Cyanide, tech., bbls.....lb. .34 - —
Iodide, bots.....lb. 4.97 - 5.02
Metal, electrolytic.....lb. .09¾- —
Nitrate, cryst., bbls.....lb. .15½- .17
Oleate, precip., bbls.....lb. .20 - —
Oxide, black, bbls., tons, works. lb. .14½- .15
smaller lots, works....lb. .15½- —
red, com'l, 50-75%, kgs., f.o.b. N. Y..lb. .15 - .16
Resinate, precip., bbls.....lb. .15 - .16
Stearate, precip., bbls.....lb. .23 - .24
Sulphate (see Blue vitriol).
Copperas, cryst., gran., bgs., c.l., works..ton.16.00 - —
bbls., c.l., works.....ton.18.00 - —
l.c.l., 25 or over, works.... 100 lbs. 1.35 - —
5-24, works.....100 lbs. 1.50 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton.13.00 - —
Copra, Coast, ship't.....lb. .0210 Nom.
Coriander seed, Morocco, bgs..lb. .05 - .05½
bleached, bgs.....lb. .08 - .08½
Corn sugar, tanners, bbls., c.l., dlvd..100 lbs. 3.20 - —
ex whse.....100 lbs. 3.30 - —
Syrup, 42°, bbls., c.l....100 lbs. 3.14 - —
43°, bbls., c.l.....100 lbs. 3.19 - —
Cornsilk, bls.....lb. .06 - .07
Corrosive sublimate, cryst., dms., 50 lbs. or more..lb. 1.13 - —
gran., powd., dms., 50 lbs. or more..lb. .99 - —
Cottonroot bark, bls.....lb. .11 - .12
Cottonseed hull ash, 30-32% pot-ash, bgs., dlvd..unit-ton. 1.10 - —
Coumarin, 5 lbs., or more, 25-lb. cns..lb. 2.75 - 3.00
5-lb. cns.....lb. 2.85 - 3.10
1-lb. cns.....lb. 3.00 - 3.25
1-oz. cns.....lb. 3.35 - 3.60
less than 5 lbs., cns.....lb. 4.15 - 4.65
Cramp bark, genuine, bls.....lb. .22 - .23
so-called, bls.....lb. .07 - .08
Cranesbill root, bls.....lb. .15 - .16
Cream tartar, gran. or powd., bbls., 5,000 lbs., one shipm't, lb. .21¾- —
smaller lots, bbls.....lb. .22¼- —
kgs. .....lb. .22¾- —
Creosote, beechwood, bots.....lb. .70 - .75
Hardwood, USP, bots.....lb. .45 - .47
Pine, dms.....gal. .28 - —
Carbonate, bots., cbys.....lb. 1.40 - 1.75
Creosote oil, crude, tanks, works. gal. .13½- .14½
Coaltar solution, tanks, works. gal. .122 - .132
refd., bbls., l.c.l., works, gal. .25 - —
tanks, works.....gal. .18 - .18½
Cresol, USP, dms., c.l., works..lb. .10½- —
l.c.l., same basis.....lb. .11 - —
special resin grade, dms., c.l., works..lb. .09¼- —
l.c.l., same basis.....lb. .09¾- —
Crotonaldehyde, 97%, 55 and 110 gal. dms., dlvd..lb. .22 - —
5 and 10 gal. dms., dlvd..lb. .25 - —
Cube root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equaled, with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs. or more..lb. .25 - .26
2,000 lbs. to 10,000 lbs..lb. .26 - .27
1,000 lbs. to 2,000 lbs..lb. .27 - .28
200 lbs. to 1,000 lbs.....lb. .29 - .30
4% rotenone prices are 4c. per lb. less.
Cube root, powd., contracts accepted for delivery only up to September 30, 1938. No protection against decline in price. Part deliveries against contract are billed at price for smaller quantities, subject to adjustment when contract quantity is reached.
Cubeb berries, XX, bgs.....lb. .27 - .28
powd., cs. .....lb. .30 - .31
Culver's root, bls.....lb. .17 - .18
Cumin seed, Algerian, bgs....lb. .09 - .09½
Morocco, bgs. .....lb. No stocks.
Cutch, Philippine, extract, solid bags..lb. .04¼- .04½
Cyanamid, 21-22% N., pulv., bgs., dlvd., contrs., NH_3 unit..lb. 1.15 - —
Cyanide-chloride, mixture, 45%, gran., dms..lb. .10¾- —
lump, dms.....lb. .09¾- —
75%, gran., dms.....lb. .15 - —
75%, gran., dms.....lb. .15 - —

D

Damiana leaves, bls.....lb. .15 - .16
Dandelion root, German, bls..lb. .14 - .15
Deertongue leaves, bls.....lb. .09 - .09½
Degras, common, dom., bbls...lb. .07¾- .08¼
English, bbls.....lb. .07¾- .08¼
neutral, dom., bbls.....lb. .11 - .15
English, bbls.....lb. .11 - .15
Derris root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equal'd., with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs., or more..lb. .34 - .38
2,000 lbs., to 10,000 lbs..lb. .35 - .39
1,000 lbs. to 2,000 lbs. lb. .36 - .40
Derris root, powd., 5% rotenone, f.o.b. N. Y., 200 lbs., to 1,000 lbs..lb. .38 - .42
4% rotenone prices are 6c. per lb. less
Derris root, powd., contracts accepted for delivery only up to September 30, 1938. No protection against decline in price. Part deliveries against contract are billed at price for such smaller quantities, subject to adjustment when contract quantity is reached.
Dextrin, British gum, c.l., f.o.b. Chicago..100 lbs. 3.80 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.00 - —
corn, canary, bgs., c.l., f.o.b. Chicago..100 lbs. 3.55 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.75 - —
white, bgs., c.l., f.o.b. Chicago..100 lbs. 3.50 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.70 - —
Potato, import, bgs.....lb. .07¼- .08¾
Diacetone (see under Alcohol).
Diamyl ether, dms., c.l., works, lb. .085 - —
l.c.l., works.....lb. .092 - —
tanks, works.....lb. .075 - —
Oxalate, dms., l.c.l., works..lb. .30 - —
Phthalate, dms., c.l., dlvd...lb. .20½- —
l.c.l., dlvd.....lb. .21 - —
tanks, dlvd.....lb. .19¼- —
Sulphide, dms., l.c.l., works..lb. 1.10 - —
Diamylamine, dms., c.l., works, lb. .47 - —
l.c.l., works.....lb. .50 - —
Diamylene, dms., c.l., works..lb. .095 - —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .085 - —
Diatomaceous earth, dom., bgs., c.l., Pacific cst., works, ton.22.00 -85.00
l.c.l., ex whse.....ton.45.00 -150.00
Import, bgs., c.l., c.i.f.....ton.30.00 - —
Dibutylamine, dms., l.c.l., works, lb. .55 - —
Dibutyl phthalate, dms., c.l., dlvd..lb. .20½- —
l.c.l., dlvd. .....lb. .21 - —
tanks, dlvd. .....lb. .19½- —
Tartrate, dom., dms.....lb. .45 - .54
Dicalcium phosphate (see Calcium phosphate, dibasic).
Dichlorethyl ether, dms., c.l., works..lb. .15 - —
l.c.l., works .....lb. .16 - —
tanks, works .....lb. .14 - —
Diethanolamine, dms., c.l., works..lb. .24 - —
l.c.l., works .....lb. .25 - —
tanks, works .....lb. .23 - —
Diethyl carbonate, coml., dms.lb. .25 - —
refd., 99%, dms. .....lb. .35 - —
Carbinol (see Carbinol).
Phthalate, dms., c.l., frt. alld., lb. .19 - —
l.c.l. .....lb. .19½- —
tanks .....lb. .18 - —
Sulphate, dms., c.l., works..lb. .13 - —
l.c.l., works .....lb. .14 - —
tanks .....lb. .12 - —
Diethylanilin, dms. .....lb. .40 - —
Diethyleneglycol, dms., c.l., works, lb. .16 - —
l.c.l., works .....lb. .17 - —
Monobutylether, dms., works..lb. .23 - .24
Diethylene glycol monoethylether, dms., c.l., works..lb. .15 - —
l.c.l., works .....lb. .16 - —
tanks, works .....lb. .14 - —
Digitalis, leaves, dms.....lb. .42 - .45
Diglycol laurate .....lb. .23 - —
Diglycol oleate, light, bbls.....lb. .20 - —
Diglycol stearate .....lb. .25 - —
Di-isobutyl ketone, dms., works, lb. .19 - —
Dillseed, recleaned, bgs.....lb. .07½- .08
Dimethyl phthalate, dms., c.l., dlvd..lb. .18½- —
l.c.l., dlvd. .....lb. .19 - —
Dimethylamine, dms., c.l., dlvd. lb. 1.00 - —
l.c.l., dlvd. .....lb. 1.05 - —
tanks, dlvd. .....lb. .17½- —
Dimethylanilin, dms., c.l.....lb. .26 - —
l.c.l., dms. .....lb. .27 - —
Dimethylethyl carbinol (see Carbonol).
Dinitrobenzene, bbls, 89° min., lb. .18 - —
Dinitrochlorobenzene, bbls.....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls. .....lb. .22 - —
Dinitrotoluene, dms.....lb. .15½- oily, dms.....lb. .09 - —
Diorthotoluolguanidins, dms., 2,000 lbs. or over, dlvd..lb. .44 - —
600-1,950 lbs., dlvd.....lb. .46 - —
150-450 lbs., dlvd.....lb. .47 - —
Dioxan, dms., c.l., frt. alld....lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, same basis.....lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene, dms.....gal. .47 - .50
tanks .....gal. .41 - —
Diphenyl, bbls., c.l., works....lb. .15 - —
l.c.l., works.....lb. .20 - .25
Oxide, perfume grade, cns...lb. .50 - .55
Diphenylamine, bbls.....lb. .81 Nom.
Diphenylguanidin, dms., 2,000 lbs. or over, dlvd..lb. .35 - —
600-1,950 lbs., dlvd.....lb. .36 - —
150-450 lbs., dlvd.....lb. .37 - —
Diphenylmethane, bots.....lb. 1.40 - 3.00
Disodium phosphate (see Soda phosphate, dibasic).
Divi-divi extract, bbls.....lb. .05¾- .06¾
Doggrass root, cut, bls.....lb. .11 - .12
Dogwood bark, dom., bls.....lb. .07 - .08
Jamaica, bls.....lb. .06 - .07
Dover's powder, USP, cns.....lb. 2.75 - 2.80
Dragon's blood, mass, cs.....lb. .65 - .85
reeds, thin, cs.....lb. .80 - .85
Duboisine sulphate, vis.....oz.34.50 -35.00
Dyes, coaltar, for coloring foods (certified colors) (numbers are those of Colour Index scale):—
Blue:—
Brilliant blue FCF, cans..lb.13.50- —
1180 Sodium indigo disulphonate, cns..lb.13.50- —
Green:—
Fastgreen FCF, cns.....lb.27.50- —
666 Guinea green B., cns. lb.13.50- —
670 Light green SF, yellowish, cns..lb.17.50- —
Red:—
184 Amaranth, cns.....lb. 3.15- —
773 Erythrosin, cns.....lb.17.50- —
80 Ponceau 3R, cns.....lb. 6.00- —
Ponceau SX, cns.....lb. 5.75- —
Orange:—
150 Orange I, cns.....lb. 2.90- —
Yellow:—
10 Naphthol yellow S, cns..lb. 8.50- —
Sunset yellow FCF, cns.lb. 3.15- —
640 Tartrazin, cns.....lb. 3.15- —
22 Yellow AB, cns.....lb. 2.65- —
61 Yellow OB, cns.....lb. 2.65- —
Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
36 Chrome yellow 2G.....lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. 1.00 - —
176 Fast red A.....lb. .60 - .75
180 Fast red VR.....lb. 1.50 - 1.65
189 Lake red R, paste.....lb. .85 - .90
189 Lake red R, powdered..lb. 3.00 - 3.10
202 Chrome blue black U..lb. .32 - .40
204 Chrome black A.....lb. 1.75 - 2.00
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .60 - .65
307 Fast cyanin black B...lb. .80 - .85
326 Direct cast scarlet....lb. 2.00 - 2.25
304 Paper yellow.....lb. .83 - .90
365 Chrysophenin G.....lb. .58 - .70
394 Direct violet N.....lb. 1.25 - 1.30
382 Direct scarlet B.....lb. 1.50 - 1.75
387 Direct violet B.....lb. 1.00 - 1.30
401 Developed black BHN..lb. .50 - .75
406 Direct blue 2B.....lb. .25 - .30
415 Direct orange R.....lb. .60 - .70
419 Direct fast red F.....lb. .75 - .85
420 Direct brown M.....lb. 1.00 - 1.10
448 Benzo purpurin 4B....lb. .40 - .42½
495 Benzo purpurin 10B....lb. .40 - .50
502 Direct azurin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B....lb. 1.10 - 1.25
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast black FF..lb. .55 - 1.00
581 Direct black EW.....lb. .25 - .50
582 Direct black RX.....lb. .35 - .45
593 Direct green B.....lb. .75 - .80
594 Direct green G.....lb. 1.00 - 1.05
596 Direct brown 3GO.....lb. .35 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet.....lb. 1.00 - 3.00
812 Primulin .....lb. .50 - .52
814 Direct fast yellow....lb. 2.00 - 2.25
845 Nigrosin(water soluble).lb. .35 - .50
1177 Indigo, 20 p. c. paste..lb. .15 - .18
Benzo fast black L....lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .40 - 1.00
Sulphur brown.....lb. .25 - .50
Sulphur maroon.....lb. .40 - —
Sulphur olive.....lb. .25 - .54
Sulphur tan.....lb. .30 - .50
Sulphur yellow.....lb. .30 - .50
Zambesi black.....lb. .75 - .80
Dyes, coaltar, for stains (numbers are those of Colour Index scale):—
Oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse)
Black:—
865 Nigrosin derivatives.lb. .43 - —
Blue:—
1075 Alizarin astrol base.lb.15.00 - —
1078 Alizarin cyanin green base..lb. 6.00 - —
729 Victoria blue.....lb. .75 - —
Browns:—
Brown .....lb. 1.15 - —
Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
.... Green .....lb. .75 - —
Orange:—
24 Sudan I.....lb. .70 - —
.... Orange, red shade..lb. .75 - —
Red:—
73 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .95 - —
749 Rhodamine B (oil pink) lb. 2.50 - —
1080 Anthroquinone violet base..lb. 6.00 - —
680 Oil violet.....lb. .50 - —
Yellow:—
15 Amidoazobenezene yellow..lb. .90 - —
17 Amidoazotoluene yellow. lb. .75 - —
61 Yellow OB.....lb. 1.40 - —
Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or ware house).
Black:—
864 Nigrosin .....lb. .40 - —
Blue:—
729 Victoria blue.....lb. 2.55 - —
860 Indulin .....lb. .70 - —
Brown:—
331 Bismarck brown.....lb. 1.50 - —
Green:—
637 Malachite green base.lb. 2.00 - —

Chlorine—Ethyl Croton.

Dyes, coaltar, for stains (numbers are those of Colour Index scale):—
Orange:—
20 Chrysoidin Y.....lb. .95 - —
21 Chrysoidin R.....lb. .95 - —
Red:—
677 Fuchsin, magenta base. lb. 7.25 - —
749 Rhodamine B.....lb. 4.75 - —
Yellow:—
67 Amidoazotoluene yellow..lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS..lb. 2.00 - —
Violet:—
680 Methyl violet.....lb. .70 - —
Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse)
Black:—
245 Naphthol blue black S, lb. .50 - —
865 Nigrosin .....lb. .36 - —
873 Methylene gray.....lb. 1.50 - —
Blue:—
714 Patent blue A.....lb. 1.45 - —
729 Victoria blue B.....lb. 2.00 - —
861 Indulin .....lb. .87 - —
909 New blue R.....lb. 1.30 - —
922 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B..lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —
Brown:—
234 Resorcin brown Y...lb. .65 - —
235 Resorcin dark brown R lb. .66 - —
231 Bismarck brown G..lb. .52 - —
332 Bismarck brown R..lb. .37 - —
793 Phosphin .....lb. 4.65 - —
Green:—
5 Naphthol green B...lb. 1.00 - —
657 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene green B..lb. 1.55 - —
1078 Alizarin cyanin green. lb. 2.35 - —
Orange:—
10 Chrysoidin G.....lb. .40 - —
21 Chrysoidin R.....lb. .37 - —
27 Orange G.....lb. .50 - —
151 Orange Y.....lb. .30 - —
161 Orange R.....lb. .84 - —
Water-soluble:—
Red:—
81 Amidonaphthol red G. lb. .42 - —
87 Amidonaphthol red 6B. lb. .68 - —
79 Ponceau R.....lb. .48 - —
88 Fast red B.....lb. 1.05 - —
176 Fast red A.....lb. .54 - —
179 Azorubin .....lb. .52 - —
183 Crocein scarlet 3BX..lb. .60 - —
185 Cochineal red A....lb. .60 - —
Water soluble
Red:—
252 Brilliant crocein M..lb. .68 - —
677 Fuchsin .....lb. 2.10 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6G.....lb. 4.50 - —
768 Eosin G.....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Water-soluble:—
Violet:—
680 Methyl violet B.....lb. .75 - —
681 Crystal violet C.....lb. 1.75 - —
695 Acid violet 4BN.....lb. .88 - —
Yellow:—
10 Naphthol yellow S..lb. .88 - —
138 Metanil yellow.....lb. .53 - —
636 Fast light yellow....lb. 1.25 - —
639 Xylene light yellow..lb. 1.15 - —
640 Tartrazin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —
Dyes, natural (see name of article).

E

Echinacea root, bls .....lb. .20 - .21
Egg albumen (see Albumen).
yolk, bbls.....lb. .62 - .64
Elder flowers, bright, bls.....lb. 20 - .22
Elecampane root, bls.....lb. .10 - .11
Elm bark, grinding, bls.....lb. .10 - .11
powd., bbls., bxs.....lb. .20 - .21
select, bndls. .....lb. .25 - .26
Emetine hydrochloride, bots...oz.17.00 -18.00
Ephedra, bls.....lb. .28 - .29
Ephedrine, tins, 1,000 ozs....oz. 3.50 - —
tins, 100 ozs.....oz. 3.75 - —
Hydrochloride, tins, 1,000 ozs. oz. 2.50 - —
tins, 100 ozs. .....oz. 2.75 - —
Sulphate, cryst., 1,000 ozs...oz. 2.50 - —
tins, 100 ozs. .....oz. 2.75 - —
Epsom salt, tech., bgs....100 lbs. 1.85 - —
bbls. .....100 lbs. 1.90 - —
USP, cryst., dom., bgs., c.l., 100 lbs. 2.00 - —
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.25 - —
smaller lots.....lb. 2.50 - —
bbls., c.l.....lb. 2.10 - —
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.35 - —
smaller lots.....lb. 2.60 - —
kgs., c.l.....lb. 2.35 - —
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.60 - —
smaller lots.....lb. 2.85 - —
dried, dom., bgs., l.c.l...lb. .08 - .10
Ergot, USP, cs., dms.....lb. 1.45 - 1.50
Eserine, bots.....oz.42.00 - —
Salicylate, bots.....oz.33.00 -34.00
Sulphate, bots.....oz.30.00 - —
Ether, acetic (see Ethyl acetate)
Butyl, dms., l.c.l., dlvd.....lb. .30 - —
Ethyl (see Ether, sulphuric).
Nitrous, conc., bots., 100 lbs., lb. .08 - —
Sulphuric, conc., dms., 120 lbs., lb. .09 - —
cns., 27 lbs.....lb. .14 - —
synth., dms., c.l., works..lb. .08 - —
l.c.l., works.....lb. .09 - —
USP, anesthesia, dms., 27 lbs., lb. .26 - —
USP, 1880, dms.....lb. .39 - .40
washed, dms.....lb. .37 - .38
Ethyl acetate, 85 p.c., dms., c.l., frt. alld..lb. .06½- —
l.c.l., frt. alld.....lb. .07 - —
tanks, frt. alld.....lb. .05½- —
99 p.c., dms., c.l., frt. alld., lb. .07¼- —
l.c.l., frt. alld.....lb. .07¾- —
tanks, frt. alld.....lb. .06¼- —
N. F., VI, 99%, dms., 400 lbs. lb. .08½- —
cns., 35 lbs.....lb. .13½- —
USP, VIII, 99%, dms., 400 lbs. lb. .07½- —
cns., 35 lbs.....lb. .12½- —
Acetoacetate, dms., c.l., works, lb. .27½- —
l.c.l., dms., works.....lb. .28 - —
Bromide, tech., dms.....lb. .50 - .55
Caproate, cns.....lb. 1.00 - —
Chloride, dms.....lb. .22 - .24
Cinnamate, cns.....lb. 3.20 - 4.00
Crotonate, 55 and 110 gal. dms., dlvd..lb. .53 - —
5 and 10 gal. dms., dlvd...lb. .36 - —

Ethyl Formate—Heptane

Ethyl, formate, cns., dms.	lb.	.23 -	.24
Iodide, bots.	lb.	5.01 -	—
Lactate, 55-gal. dms., works.	lb.	.33½-	—
5-gal. dms., works	lb.	.37½-	—
Oxalate, dms., frt. alld	lb.	.25 -	—
Silicate, l.c.l., dms., works	lb.	.77 -	—
Ethylcellulose, bgs., 500 lbs. or more, frt. alld.	lb.	.6440-	—
100 lbs., frt. alld.	lb.	.6930-	—
smaller lots, works	lb.	.7425-	—
Ethylene bromide, dms.	lb.	.65 -	.70
Dichloride, dms., c.l., works, E. of Rockies, frt. alld.	lb.	.0545-	.05½
West of Rockies, same basis.	lb.	.0595-	.06
l.c.l., works, E. of Rockies, frt. alld.	lb.	.0644-	.06½
West of Rockies, same basis.	lb.	.0694-	.07
Ethyleneglycol, dms., c.l.	lb.	.16 -	—
l.c.l.	lb.	.17 -	.20
tanks	lb.	.15 -	—
Monobutylether, dms., c.l., works.	lb.	.18 -	—
l.c.l., works	lb.	.19 -	.22
tanks, works	lb.	.17 -	—
Monoethylether, dms., c.l., works.	lb.	.15 -	—
l.c.l., works	lb.	.16 -	—
tanks, works	lb.	.14 -	—
Monoethylether, acetate, dms., c.l., works.	lb.	.13 -	—
l.c.l., dms	lb.	.14 -	—
tanks, works	lb.	.12 -	—
Monoethylether, dms., c.l., works.	lb.	.17 -	—
l.c.l., works	lb.	.18 -	—
tanks, works	lb.	.16 -	—
Ethylidinaniliin, dms.	lb.	.45 -	.47½
Ethylmethyl ketone, dms., c.l., frt. pd. E. of Rocky Mts.,	lb.	.06½-	—
l.c.l., same terms	lb.	.07 -	—
tanks, same terms	lb.	.05½-	—
Ethylorthoparatoluenesulphonamide, bbls.	lb.	.60 -	—
Eucalyptol, cns., dms.	lb.	.55 -	.57
Eucalyptus leaves, bls	lb.	.08 -	.09
bbls.	lb.	.55 -	—
Ethylparatoluenesulphonamide,			
Eugenol, bgs., cns	lb.	1.90 -	2.15
Euphorbia, bls	lb.	.05 -	.06

F

Feldspar, enamel, 100 mesh, bulk, works.	ton.	14.00	-17.50
glass, 20 mesh, bulk, works.	ton.	9.75	-13.25
pottery, bulk, Me. works	ton.	17.00	-19.00
N.C. works	ton.	17.00	-19.00
Fennel seed, French type, bgs.,	lb.	.07½-	.08
Indian, bags	lb.	.07½-	.07¾
German, large, bgs	lb.	.18 -	.19
small bgs.	lb.	.13 -	.14
Fenugreek seed, bgs.	lb.	.03¾-	.04¼
Ferric sulphate, dms., works.	ton.	35.00	-40.00
Film scrap, colors, dark, cs., 1,000 lbs., or over, works.	lb.	.12½-	—
smaller lots, works	lb.	.13 -	—
light, cs., 1,000 lbs. or over, works.	lb.	.13½-	—
smaller lots, works	lb.	.14 -	—
water white, cs., 1,000 lbs., or over, works.	lb.	.14½-	—
smaller lots, works	lb.	.15 -	—
Fir balsam, Canada, cns	gal.	15.00	-16.00
Oregon, bbls.	gal.	1.35 -	1.40
Fish berries, bgs.	lb.	.08 -	.09
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures.	unit-ton.	3.25 &	.10
grd., 11-12% ammon., 15% bone phos., bgs., f.o.b. Balto.	ton.	46.00	-48.00
wet, acidulated, 6-7% ammon., 3-4% phosphor. acid, bulk, E. cst. factories, contracts.	unit-ton.	2.75 &	.50
Fish scrap, sardine, meal, Japanese, 11½% ammon., bgs., c.i.f. ports, shipt.	ton.	43.00	- —
spot or nearby	ton.	44.00	Nom.
Flake, white, bbls., kgs	lb.	.10¼-	—
Fleaseed, French, black, bgs.	lb.	.11 -	.12
Indian, blonde, bgs.	lb.	.08 -	.08½
Fluorspar, dom., No. 1 ground, bulk, 95-98%, f.o.b. mines,	ton.	31.50	- —
Washed gravel, 85-5, f.o.b. Ill.-Ky. mines.	ton.	19.00	-20.00
No. 2, lump, 85.5 f.o.b. Ky. and Ill. mines.	ton.	20.00	-21.00
imported, 85% not over 5% duty paid.	ton.	23.50	-24.00
Formaldehyde, bbls., c.l., works,	lb.	.05¾-	—
l.c.l., works	lb.	.06¼-	—
dms., c.l., works	lb.	.05¼-	—
l.c.l., works	lb.	.05¾-	—
tanks, works	lb.	.04½-	—
Fringetree bark, bls.	lb.	.12 -	.13
Fullers earth, dom., bgs., c.l., f.o.b. Fla., Ga., mines.	ton.	10.00	- —
import, bgs., c.l., ex dock.	ton.	23.00	- —
l.c.l., ex whse.	ton.	30.00	- —
Furfural, refd., c.l., works,	lb.	.15 -	—
l.c.l., works	lb.	.17½-	.25
tech., dms., contracts, 150,000 lbs.	lb.	.10 -	—
c.l., works	lb.	.12½-	—
l.c.l., works	lb.	.15 -	.20
tanks, works	lb.	.09 -	—
Fusel oil, refd., dms., incl., dlvd.,	lb.	.12½-	.14
Fustic extract, cryst., bbls.	lb.	.22 -	.26
liquid, bbls	lb.	.09½-	.13
solid, dms	lb.	.17½-	.19¼

G

G salt, bbls.	lb.	.45 -	—
Galangal root, bls.	lb.	.09 -	.10
Gall extract, bbls.	lb.	.19 -	.20
Gambier, common, bgs.	lb.	.06¾-	.07¼
plantation, bgs.	lb.	.08¼-	.09¾
Cubes, Singapore, bgs.	lb.	.10½-	.11
Extract, bbls.	lb.	.06½-	.09½
Gasoline at refinery:—			
Bayonne, US motor, below 65 octane, tanks.	gal.	.07¼-	—
65 octane and above, tanks,	gal.	.07½-	—
California, 54-58, tanks.	gal.	.06¾-	.08¼
Gulf Coast, U. S. Motor, bulk,	gal.	.04⅞-	—
60-62, 390 e.p., bulk, export,	gal.	.04⅞-	—
60-62, 400 e.p., bulk, export,	gal.	.04⅞-	—
64-66, 375 e.p., bulk, export,	gal.	.05 -	.05⅛
Louisiana-Arkansas, US motor, 62 octane, tanks.	gal.	.04¼-	.04½
63-66 octane, tanks.	gal.	.04½-	.04⅝
67-69 octane, tanks.	gal.	.04⅞-	.05
70-72 octane, tanks.	gal.	.05½-	.05⅝
Oklahoma-Texas, US motor, 62 octane and below, tanks.	gal.	.04⅛-	.04¼
Gasoline, at refinery, Oklahoma-Texas, US motor, third grade, tanks.	gal.	.04⅛-	.04¼
63-68 octane, tanks.	gal.	.04 -	—
67-69 octane, tanks.	gal.	.04⅝-	—
70-72 octane, tanks.	gal.	.04⅞-	.05⅛
natural, 12-lb. v. p., tanks,	gal.	.03¼-	.03½
14-lb. v.p., tanks	gal.	.03⅝-	—
18-lb. v.p., tanks	gal.	.02⅝-	.02¾
22-lb. v.p., tanks	gal.	.02⅝-	—
26-70 lb., v.p., tanks.	gal.	.02½-	.02⅝
Pennsylvania, US motor, below 60 octane tanks.	gal.	.05 -	—
65 octane, tanks	gal.	.06½-	—
52-56 450 e.p., naphtha, tanks.	gal.	.04⅝-	.05
Gelatin, silver, cs.	lb.	.45 -	.50
Geisemium root, bls.	lb.	.11 -	.12
Gentian root, bls.	lb.	.09 -	.10
grd., bbls., bxs.	lb.	.12 -	.13
powd., bbls., bxs.	lb.	.13 -	.14
Geraniol, cns., dms.	lb.	.67 -	3.00
Geranyl acetate, bots., dms.	lb.	1.20 -	2.50
Ginger root, African, bgs.	lb.	.07¼-	.07½
Cochin, lemon, bgs.	lb.	.10½-	.11
Jamaica, bold, bgs.	lb.	.15 -	.15½
grinding, bright, bgs.	lb.	.11 -	.11¼
medium, bold, bgs.	lb.	.11¾-	.12
Japanese, bgs.	lb.	.09 -	.09½
Ginseng fibers, cs.	lb.	1.75 -	3.00
Root, cultivated, cs.	lb.	10.00	-11.00
wild, Southern, cs.	lb.	6.00 -	7.00
Glauber's salt, anhyd. (see Soda sulphate).			
cryst., dom., bgs., bbls., c.l., works.	100 lbs.	.95 -	1.15
5 tons or over, works.	100 lbs.	1.05 -	1.25
less than 5 tons, works.	100 lbs.	1.15 -	1.35
import., bgs.	100 lbs.	1.05 -	1.35
Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs., c.l., dlvd.	lb.	.13 -	—
l.c.l., dlvd.	lb.	.13½-	—
36/58, bgs., c.l., dlvd.	lb.	.13½-	—
l.c.l., dlvd	lb.	.14 -	—
58/82, bgs., c.l., dlvd.	lb.	.14½-	—
l.c.l., dlvd.	lb.	.15 -	—
82/108, bgs., c.l., dlvd.	lb.	.15 -	—
l.c.l., dlvd.	lb.	.15½-	—
hide, calcimine type, 53 millipoise, 135 jelly grams, bgs., c.l., dlvd., East, Middlewest.	lb.	.15 -	—
l.c.l., same basis	lb.	.15½-	—
60/164, bgs., c.l., same basis.	lb.	.16½-	—
l.c.l., same basis	lb.	.17 -	—
67/122, bgs., c.l., same basis.	lb.	.17½-	—
l.c.l., same basis	lb.	.18 -	—
75/222, bgs., c.l., same basis,	lb.	.18½-	—
l.c.l., same basis	lb.	.19½-	—
88/251, bgs., c.l., same basis.	lb.	.19½-	—
l.c.l., same basis	lb.	.20½-	—
92/283, bgs., c.l., same basis.	lb.	.20½-	—
l.c.l., same basis	lb.	.21½-	—
102/315, bgs., c.l., same basis	lb.	.21 -	—
l.c.l., same basis	lb.	.22 -	—
113/347, bgs., c.l., same basis	lb.	.22 -	—
l.c.l., same basis	lb.	.23 -	—
125/379, bgs., c.l., same basis	lb.	.23 -	—
l.c.l., same basis	lb.	.24 -	—

Glue prices for barrel packing, ½c. lb. higher, grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.

Glycerin, C.P., cns., l.c.l.	lb.	.16¼-	.16¾
dms., c.l.	lb.	.14¼-	—
l.c.l.,	lb.	.14¾-	—
tanks	lb.	.14 -	—
dynamite, dms, c.l.	lb.	.12¾-	—
l.c.l.	lb.	.13¼-	—
tanks	lb.	.12¼-	—
heavy gravity dms., c.l.	lb.	.13¾-	—
l.c.l	lb.	.14¼-	—
tanks	lb.	.13½-	—
saponification, basis 88%, dms., returnable, dlvd.	lb.	.09½-	.09¾
soaplye, basis 80%, dms., returnable, dlvd.	lb.	.08¼-	.08¾
Glycol boriborate, dms.	lb.	.23 -	—
Phthalate, dms.	lb.	.38 -	—
Stearate, dms.	lb.	.25 -	—
Gold, U.S. purchase price.	oz.	35.00	- —
Chloride, acid brown, bots.	oz.	20.75	-21.00
yellow, bots.	oz.	18.75	-19.00
Gold-soda chloride, photo., bots.,	oz.	13.00	- —
U.S.P. IX, bots.	oz.	14.50	-14.75
Gold of pleasure seed, bgs.	lb.	.12 -	.12½
Goldenseal root, bls.	lb.	3.20 -	3.25
powd., bxs.	lb.	3.35 -	3.40
Grains of paradise, bgs.	lb.	.23 -	.23½
Graphite, flake (cryst.), 90% 325 mesh, 50% graphitic carbon, bgs., c.l., works.	lb.	.06 -	—
bbls., c.l., works.	lb.	.06¼-	—
l.c.l., works	lb.	.06½-	—
powd., 90% 325 mesh, 65% graphitic carbon, bgs., c.l., works.	lb.	.02½-	—
bbls., c.l., works.	lb.	.02⅝-	—
l.c.l., works	lb.	.03¼-	—
80% graphitic carbon, bgs., c.l., works.	lb.	.03½-	—
bbls., c.l., works.	lb.	.03⅝-	—
l.c.l., works	lb.	.04½-	—
Grease, house, trcs.	lb.	.04¾-	.04¾
White, trcs.	lb.	.05½-	.05⅝
Yellow, trcs.	lb.	.04½-	.04⅝
Wool (see Adeps lanae and Degras).			

Green, chrome, C.P., dark, light, medium, blue content up to 5%, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis. lb. .21 - —

6-10%, bbls., same basis. lb. .22 - —
11-15%, bbls., same basis. lb. .23 - —
16-20%, bbls., same basis. lb. .23½- —
21-25%, bbls., same basis. lb. .24 - —
26-30%, bbls., same basis. lb. .24½- —
31-35%, bbls., same basis. lb. .25½- —
36-40%, bbls., same basis. lb. .27 - —
41-45%, bbls., same basis. lb. .28½- —
46-50%, bbls., same basis. lb. .30 - —
over 50%, bbls., same basis lb. .31 - —

Chrome green prices are ½c. higher dlvd. Ala., Fla., Ga., La., (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

reduced, C.P. color content up 5%, bbls., same basis.	lb.	.06 -	—
6-10%, bbls., same basis.	lb.	.06¾-	—
11-13%, bbls., same basis.	lb.	.07¼-	—
14-16%, bbls., same basis.	lb.	.07¼-	—
17-19%, bbls., same basis.	lb.	.07¾-	—
20-21%, bbls., same basis.	lb.	.08 -	—
22-23%, bbls., same basis.	lb.	.08¼-	—
24-25%, bbls., same basis.	lb.	.08½-	—
26-27%, bbls., same basis.	lb.	.08¾-	—
28-29%, bbls., same basis.	lb.	.09¼-	—
30-31%, bbls., same basis.	lb.	.10 -	—
32-33%, bbls., same basis.	lb.	.11¼-	—
34-35%, bbls., same basis.	lb.	.12¼-	—
36-40%, bbls., same basis.	lb.	.14¼-	—
41-45%, bbls., same basis.	lb.	.16¼	—
46-50%, bbls., same basis.	lb.	.16¾-	—
51-55%, bbls., same basis.	lb.	.17¼-	—
Green, chrome, reduced, C.P., color content, 56-60% bbls., same basis.	lb.	.17¾-	—
61-65%, bbls., same basis.	lb.	.18¼-	—
66-70%, bbls., same basis.	lb.	.19¼-	—
71-75%, bbls., same basis.	lb.	.20¼-	—
Chrome, oxide, dom., pure, bbl.	lb.	.22 -	—
ceramic, light shades, bbls., c.l., works.	lb.	.28 -	—
l.c.l., works	lb.	.30 -	—
standard grade, bbls., works.	lb.	.21 -	.22
Tetrahydroxide, bbls.	lb.	.85 -	—
Paris (see P)			
Tungstated, brilliant, kgs.	lb.	3.50 -	—
emerald, kgs.	lb.	2.35 -	—
Verdigris (see V)			
Green dyes are listed under Dyes.			
Grindelia robusta, bls.	lb.	.08 -	.09
Guaiac resin, cs.	lb.	.27 -	.28
strained, cs.	lb.	.90 -	1.00
Wood, bls.	lb.	.04 -	.06
Guaiacol, liq., djns.	lb.	1.55 -	1.70
Carbonate, fib. dms., 25 lbs.	lb.	2.40 -	2.74
Guarana, powd., cs.	lb.	1.05 -	1.10
Gum, aloe (see A).			
Ammoniac, tears., cs.	lb.	.85 -	.90
Arabic, amber sorts, cleaned, bgs.	lb.	.09¼-	.09½
white, sorts, 1, bgs.	lb.	.23 -	.24
2, bgs.	lb.	.21 -	.22
powd., bbls.	lb.	.12 -	.12½
Asafetida (see A).			
Asphaltum (see A).			
Benzoin, Siam, cs.	lb.	1.40 -	1.65
Sumatra, cs.	lb.	.17½-	.19
Camphor (see C).			
Chicle, prime, 33% moisture, bgs., ton lots.	lb.	.38 -	.39
Copal, Congo 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran.	lb.	.37½-	—

Gum, copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs. or over; ½c. higher for 1-9 bgs.

Copal, Congo 2, cloudy, white, bgs., c.l., same basis.	lb.	.28¾-	—
3, selected pale straw bold, bgs., c.l., same basis.	lb.	.18¼-	—
4, pale bold straw, bgs., c.l. same basis.	lb.	.18¾-	—
5, pale straw bold, bgs., c.l. same basis.	lb.	.14¾-	—
6, pale amber bold, bgs., c.l., same basis.	lb.	.15¾-	—
7, pale, straw bold, bgs., c.l., same basis.	lb.	.12¾-	—
8, light amber bold, bgs., c.l., same basis.	lb.	.11¾-	—
9, medium light amber, bold, bgs., c.l., same basis.	lb.	.09¾-	—
10, rescraped hard amber bold, bgs., c.l., same basis.	lb.	.09¾-	—
11, hard dark amber bold, bgs., c.l., same basis.	lb.	.08¼-	—
12, selected bold sorts, bgs., c.l., same basis.	lb.	.06¾-	—
13, dark sorts bold, bgs., c.l., same basis.	lb.	.05¾-	—
14, selected, fully scraped, ivory, bgs., c.l., same basis.	lb.	.17¾-	—
15, ordinary ivory sorts, bgs., c.l., same basis.	lb.	.06¾-	—
16, inferior ivory sorts, bgs., c.l., same basis.	lb.	.05¾-	—
17, pale, fingers, bgs., c.l., same basis.	lb.	.15¾-	—
18, pale straw nubs, bgs., c.l., same basis.	lb.	.12¼-	—
19, pale straw nubs, bgs., c.l., same basis.	lb.	.11¾	—
20, hard dark amber nubs, bgs., c.l., same basis.	lb.	.08¾-	—
21, ordinary selected nubs, c.l., same basis.	lb.	.07¼-	—
22, small mixed nubs, bgs., c.l., same basis.	lb.	.06¾-	—
23, dark mixed nubs, bgs., c.l., same basis.	lb.	.06¾-	—
24, No. 1, ivory nubs, bgs., c.l., same basis.	lb.	.14¼-	—
25, No. 2, natural ivory nubs, bgs., c.l., same basis,	lb.	.07 -	—
26, pale, bold chips, bgs., c.l., same basis.	lb.	.06¼-	—
27, pale small chips, bgs., c.l., same basis.	lb.	.05¾-	—
28, pale dust, bgs., c.l., same basis.	lb.	.05 -	—
East India, Batu, bold scraped, bgs., c.l., same basis,	lb.	.05 -	—
unscraped, bgs., c.l., same basis.	lb.	.04 -	—
chips, bgs., c.l., same basis,	lb.	.03¾-	—
dust, bgs., c.l., same basis.	lb.	.03¼-	—
nubs and chips, bgs., c.l., same basis.	lb.	.03¾-	—
black, bold, scraped, bgs., c.l., same basis.	lb.	.06¾-	—
unscraped, bgs., c.l., same basis.	lb.	.04½-	—
nubs and chips, bgs., c.l., same basis.	lb.	.04½-	—
Hiroe, Macassar, pale, bold, bgs., c.l., same basis.	lb.	.12¼-	—
chips, bgs., c.l., same basis.	lb.	.05¾-	—
dust., bgs., c.l., same basis,	lb.	.03¼-	—
nubs, bgs., c.l., same basis.	lb.	.10¾-	—
Singapore, Rasak, bold, bgs., c.l., same basis.	lb.	.14¼-	—
chips, bgs., c.l., same basis.	lb.	.04¾-	—
dust, bgs., c.l., same basis.	lb.	.03¼-	—
nubs, bgs., c.l., same basis.	lb.	.10 -	—
Manila, Boeas, amber and dark, bskts., c.l., same basis.	lb.	.11¾-	—
light, bskts., c.l., same basis.	lb.	.13¾-	—
Loba A, bskts., c.l., same basis.	lb.	.12 -	—
B, bskts., c.l., same basis.	lb.	.11 -	—
C, bskts., c.l., same basis.	lb.	.10¼-	—
CNE, bskts., c.l., same basis.	lb.	.06¾-	—
D, bskts., c.l., same basis,	lb.	.09¾-	—
DK, bskts., c.l., same basis,	lb.	.06¾-	—
DU, bskts., c.l., same basis,	lb.	.08¾-	—
dust, bskts., c.l., same basis,	lb.	.05¾-	—
Sambas and white split chips, bskts., c.l., same basis.	lb.	.15 -	—
Singapore, dust., bskts., c.l., same basis.	lb.	.06¾-	—
spirit-soluble, CBB, bskts., c.l., same basis.	lb.	.08¾-	—
DBB, bskts., c.l., same basis.	lb.	.08 -	—
MA, bskts., c.l., same basis,	lb.	.06½-	—
MB, bskts., c.l., same basis,	lb.	.06 -	—
WS, bskts., c.l., same basis,	lb.	.08 -	—
Gum, copal, Philippine, Manila, amber sorts, bskts., c.l., same basis.	lb.	.06⅝-	—
chips, pale, bskts., c.l., same basis.	lb.	.08½-	—
small, bskts., c.l., same basis.	lb.	.07¼-	—
extra pale sorts, bskts., c.l., same basis.	lb.	.08¾-	—
nubs, bskts., c.l., same basis.	lb.	.10⅜-	—
pale, scraped, bskts., c.l., same basis.	lb.	.11⅜-	—
seeds and dust, bskts., c.l., same basis.	lb.	.05⅞-	—
Pontianak, bold, genuine, bgs., same basis.	lb.	.16½-	—
mixed, bgs., c.l., same basis.	lb.	.14 -	—
chips, bgs., c.l., same basis,	lb.	.09⅝-	—
split, bgs., c.l., same basis.	lb.	.13⅞-	—
nubs, bgs., c.l., same basis.	lb.	.12¼-	—
Dammar, Batavia, A, cs, c.l., same basis as copal.	lb.	.21⅞-	—
A/D, cs., c.l., same basis.	lb.	.16⅝-	—
A/E, cs., c.l., same basis.	lb.	.13⅝-	—
B, cs., c.l., same basis.	lb.	.20¼-	—
C, cs., c.l., same basis.	lb.	.16⅝-	—
D, cs., c.l., same basis.	lb.	.13¾-	—
dust., cs., c.l., same basis.	lb.	.06 -	—
E, cs., c.l., same basis.	lb.	.07⅝-	—
F, cs., c.l., same basis.	lb.	.07¼-	—
Singapore 1, cs., c.l., same basis.	lb.	.17 -	—
2, cs., c.l., same basis.	lb.	.11¼-	—
3, cs., c.l., same basis.	lb.	.05½-	—
chips, cs., c.l., same basis.	lb.	.11⅝-	—
dust., cs., c.l., same basis.	lb.	.05¼-	—
seeds, cs., c.l., same basis.	lb.	.08¼-	—
Elemi, cns., c.l., same basis as copal.	lb.	.08⅛-	—
Ester, dms., dlvd., New England, N. J., eastern N. Y. and Pa., Del., and Md., 75,000 lbs., contrs. or single shipt., 10,000 lbs.,	lb.	.06¾-	.07
less than 10,000 lbs., same basis.	lb.	.07 -	.07½
dlvd., western N. Y. and Pa., Ohio, Mich., Ind., Ill., Wis., Minn., Iowa, Mo., Ky., Va., W. Va., and N. C., 75,000 lbs., contrs. or stright c.l.,	lb.	.07¼-	.07⅝
l.c.l., same basis.	lb.	.07½-	.08
dlvd., elsewhere, 75,000 lbs., contrs. or straight, c.l.	lb.	.07½-	.08
l.c.l., same basis.	lb.	.07¾-	.08¼
Euphorbium, cs.	lb.	.17 -	.18
Galbanum, cs.	lb.	.90 -	.95
Gamboge, pipe, cs.	lb.	.65 -	.70
powd., bbls.	lb.	.70 -	.75
Ghatti, soluble, bgs.	lb.	.11 -	.15
superior, bgs.	lb.	.09 -	.11
Guaiac (see Guaiac resin).			
Karava, bbls., bxs., dms.	lb.	.14½-	.23
Kauri, brown, XXX, cs., c.l.,	lb.	.60 -	—
BX, cs., c.l., same basis.	lb.	.38 -	—
B1, cs., c.l., same basis.	lb.	.28 -	—
B2, cs., c.l., same basis.	lb.	.24 -	—
B3, cs., c.l., same basis.	lb.	.18½-	—
80% chips, cs., c.l., same basis.	lb.	.12½-	—
pale, XXX, cs., c.l., same basis.	lb.	.61 -	—
1, cs., c.l., same basis.	lb.	.41 -	—
2, cs., c.l., same basis.	lb.	.24 -	—
3, cs., c.l., same basis.	lb.	.17¾-	—
Kino, tins.	lb.	2.60 -	2.75
Mastic, cs., c.l., same basis as copal.	lb.	.55 -	.56
Myrrh, USP, cs.	lb.	.35 -	.36
Olibanum, siftings, bls.	lb.	.07½-	.18
tears, cs.	lb.	.18 -	.24
Opium (see O)			
Rosin (see R)			
Sandarac, cks., c.l., same basis as copal.	lb.	.25 -	.26
Scammony, cs.	lb.	1.10 -	1.15
Senegal, picked, bgs.	lb.	.25 -	.27
sorts, bgs.	lb.	.09¼-	.09¾
Talha, bgs.	lb.	.07½-	.08
Thus, bbls.	280 lbs.	14.00	-14.25
Tragacanth, Aleppo 1, cs.	lb.	2.65 -	2.70
2, cs.	lb.	2.35 -	2.40
3, cs.	lb.	2.30 -	2.35
4, cs.	lb.	2.25 -	2.30
5, cs.	lb.	2.20 -	2.25
Flake, bgs.	lb.	.50 -	1.00
Yacca, bgs., c.l., same basis as copal.	lb.	.03½-	—
powd., bgs., c.l., same basis.	lb.	.04½-	—
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald.	ton.	21.15	- —
Medicine Lodge, Kans., frt. equald.	ton.	17.00	- —
New Brighton, N. Y., frt. equald.	ton.	27.15	- —
Southard, Okla., frt. equald.	ton.	17.00	- —
Sweetwater, Tex., frt. equald.	ton.	21.15	- —
plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald.	ton.	12.50	- —
Blue Rapids, Kans., frt. equald.	ton.	12.50	- —
New Brighton, N. Y., frt. equald.	ton.	15.70	- —
Brighton, N. Y., frt. equald.	ton.	15.70	- —
Southard, Okla., frt. equald.	ton.	12.50	- —
Sweetwater, Tex., frt. equald.	ton.	12.50	- —
stucco, paper bgs., c.l., f.o.b. Acme, Texas; Blue Rapids, Kans.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; New Brighton, N. Y.; Oakfield, N. Y.; Plasterco, Va.; Southard, Okla., Sweetwater, Tex., frt. equald,	ton.	8.00	- —
Terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y.; Southard, Okla., frt. equald.	ton.	12.00	- —
import, bgs., ex dock.	ton.	27.50	- —

H

Heliotropin, cryst., cns.	lb.	1.80 -	2.20
Hellebore, white, root, powd., bbls.	lb.	.12 -	.13
Helonias root, bls.	lb.	.59 -	.60
Hematine crystals, bbls.	lb.	.18 -	.28
Hemlock extract, 25% tan., bbls.	lb.	.03 -	.04
Hempseed, Manchur, bgs.	lb.	.06 -	.06½
Henbane leaves, bls.	lb.	.15 -	.16
Henna leaves, bls.	lb.	.07½-	.08
powd., bbls., bxs.	lb.	.10 -	.11
Heptane, mixed, 77-115°C., dms., c.l., Group 3.	gal.	.11 -	—
l.c.l., Group 3.	gal.	.16 -	—
tanks, Group 3.	gal.	.08½-	—
normal, 86-100°, dms., c.l., Group 3.	gal.	.11½-	—
l.c.l., Group 3.	gal.	.17 -	—
tanks, Group 3.	gal.	.09½-	—

Hexalin, dms.....lb. .30 - —
Hexane, normal, 60-70° C., dms., c.l., Group 3..gal. .12½- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .14 - —
l.c.l., Group 3.....gal. .25 - —
Hexamethylenetetramine, tech., dms., 1,500 lbs. or more shipments, f.o.b. Perth Amboy or N. Y. C..lb. .35 - —
150 to 1,350 lbs. shipments, same basis..lb. .36 - —
USP, dms., 500 lbs., or more, shipments, same basis, lb. .46 - —
100 to 400 lbs., shipments, same basis..lb. .47 - —
Hexyl acetate, secondary, dms., c.l., frt. pd. E. of Rocky Mts..lb. .13 - —
l.c.l., same terms.....lb. .13½- —
tanks, same terms.....lb. .12 - —
Homatropine hydrobromide, bots., 50 ozs..oz.13.00 - —
25 ozs.....oz.13.50 - —
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit-ton. 2.35 - —
Hops, N. F., bls.....lb. .17 - .27
Horehound, bls.....lb. .10 - .11
Hydrangea root, bls.....lb. .09 - .10
Hydrastine, bots., 4 ozs.....oz.17.25 - —
cns., 16 ozs.....oz.17.00 - —
Hydrochloride, bots., 4 ozs...oz.17.25 - —
cns., 16 oz.....oz.17.00 - —
Sulphate, bots., 4 ozs.....oz.19.25 - —
cns., 16 oz.....oz.19.00 - —
Hydrastis (see Golden seal).
Hydrofuramide, dms., 100 lbs. or more, works..lb. .30 - —
fib. ctns., works.....lb. .40 - —
Hydrogen peroxide, USP, bbls.lb. .03¾- .04
100 vols., cbys., E.ofMiss.R.lb. .20 - —
Hydroquinone, dealers, bbls., dms..lb. .90 - .94
Hydroxycitronellal, cns.....lb. 2.00 - 2.50
Hyoscine hydrobromide, bots..oz.18.00 -19.00
Hyoscyamine, bots.....oz.15.00 - —
Hydrobromide, bots.....oz.15.00 - —
Sulphate, bots.....oz.15.00 - —
Hypernic, liq., 51°, bbls.....lb. .16 - .21
solid, bxs. .....lb. .18½- .20½

I

Iceland moss, bls.....lb. .12 - .13
Ichthyol, bots.....lb. 4.00 - 4.25
Indian red (see Red, Indian).
Indigo, nat., Madras, cs.....lb. 1.63 - 1.67
synth., liq., bbls.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indol, CP, bots.....lb.32.00 -34.00
Insect flowers (see Pyrethrum).
Iodine, crude, jars, 25 lbs.....lb. 1.30 - —
kgs., 150 lbs.....lb. 1.07 - —
resubl., bots., 5 lbs.....lb. 1.85 - —
jars, 50 lbs.....lb. 1.75 - —
tincture, USP, bbls., 47 gals., gal. 1.55 - —
cbys., 5 gals.....gal. 1.60 - 1.65
mild, bbls., 47 gals.....gal. .80 - —
cbys., 5 gals.....gal. .85 - .90
Iodoform, dms., 100 lbs.....lb. 3.95 - —
jars, 25 lbs.....lb. 4.05 - —
Ionone, bots.....lb. 1.30 - 4.05
Ipecac root, bgs.....lb. 1.10 - 1.15
powd., bxs.....lb. 1.20 - 1.25
Irish moss, ordinary, bls.....lb. .10 - .11
powd., 80-90 mesh, bbls..lb. .20 - .22
prime, bleached, bls.....lb. .18 - .30
Iron acetate, N. F. IV, cbys., 100 lbs..lb. .15 - —
djns., 50 lbs.....lb. .16 - —
liquor, bbls., c.l., dlvd....lb. .06 - —
l.c.l., dlvd.....lb. .04 - —
Chloride (ferric), tech., anhyd., 390-lb. dms..100 lbs. 4.65 - 6.25
150-lb. dms.....100 lbs. 5.00 - 6.60
cryst., bbls., works, frt. alld. or equid..lb. .05 - .06
kegs, works, frt. alld. or equid..lb. .07½- .08
liquor, cbys., works, frt. alld. or equid..lb. .05 - .06
USP X, cryst., bbls.....lb. .07¼- —
kegs.....lb. .08½- —
USP solut., cbys., works, frt. alld. or equid..lb. .06½- .07
djns.....lb. .07½- —
Citrate, USP VIII, pearls, cns., lb. .72 - .75
powd., cns.....lb. .84 - .87
scales, cns.....lb. .77 - .80
Glycerophosphate, bbls., kgs., 1,000 lb. lots..lb. 2.87 - —
smaller lots.....lb. 2.97 - —
cns., 25 lbs.....lb. 3.09 - —
Hypophosphite, cns.....lb. 1.55 - 1.60
Iodide, bots.....lb. 2.99 - —
syrup, djns.....lb. .37 - .38
bots.....lb. .52 - —
Nitrate, coml., kgs.....lb. .02¾- .03
Oxalate, powd., kgs.....lb. .47 - —
cns.....lb. .52 - —
scales, cns.....lb. .53 - .55
Oxide (see Black, Red, etc.).
Phosphate, ferric, pearls, cns., 50 lbs..lb. .54 - —
25 lbs.....lb. .57 - —
scales, cns., 50 lbs.....lb. .59 - —
25 lbs.....lb. .62 - —
Ferrous, bbls., 200 lbs.....lb. .35 - —
bxs., 25 lbs.....lb. .40 - —
kgs., 100 lbs.....lb. .37 - —
Pyrophosphate, pearls, cns..lb. .59 - .62
scales, cns.....lb. .64 - .67
Reduced, 90%, cs.....lb. .60 - .65
Sulphate, tech. (see Copperas and ferric sulphate).
USP, cryst., bbls., 275 lbs. lb. .04½- —
dms., 100 lbs.....lb. .06½- —
Iron-ammonia citrate, brown, gran., cns...lb. .37 - .40
pearls, cns.....lb. .37 - .40
scales, cns.....lb. .47 - .50
green, gran., cns.....lb. .37 - .40
pearls, cns.....lb. .37 - .40
scales, cns.....lb. .47 - .50
Oxalate, bxs.....lb. .30 - —
fib., dms.....lb. .23½- —
kgs.....lb. .25½- —
Iron-potash oxalate, bbls.....lb. .42 - —
kgs.....lb. .44 - —
jars.....lb. .48 - —
Iron-soda oxalate, bxs.....lb. .30 - —
fib., dms.....lb. .23½- —
kgs.....lb. .25½- —
Isobutyl carbinol (see Carbinol).
Isopentane, dms., works.....lb. .48 - —
small lots, works.....lb. .50 - —
Isopropanol (see Alcohol, isopropyl).
Isopropyl acetate, dms., c.l., frt. pd. E. of Rocky Mts..lb. .06¾- —
l.c.l., same terms.....lb. .07 - —
tanks, same terms.....lb. .06¼- —
Isopropyl alcohol (see Alcohol).
Ether, dms., c.l., works, frt. alld. E. of Miss R..lb. .07 - —
l.c.l.....lb. .08 - —
tanks.....lb. .06 - —

J

Jaborandi leaves, bls.....lb. .10 - .11
Jalap root, NF, bls.....lb. .16 - .17
powd., bbls., bxs.....lb. .20 - .21
Juniper berries, bgs.....lb. .03¾- .04

K

Kamala, tins.....lb. .32 - .33
Kava kava root, bls.....lb. .15 - .16
Kerosene, at refinery:—
Bayonne, 41-43 w.w., tanks.gal. .05⅝- —
Gulf ports, p.w., bulk, export, gal. .03⅞- —
w.w., bulk..gal. .03⅜- .04
Louisiana - Arkansas, 41-43 w.w., bulk..gal. .04⅜- .04½
Oklahoma-Texas, 41-43 w.w., tanks..gal. .04 - .04⅜
42-44 w.w., tanks.....gal. .04⅛- .04½
Pennsylvania, 45 w.w., tanks, gal. .04⅞- —
46 w.w., tanks.....gal. .05 - —
47 w.w., tanks.....gal. .05⅛- —
Kerosene, tankwagon:—
Atlanta.....gal. .14 - —
Boston.....gal. .08½- —
Chicago.....gal. .10½- —
Cincinnati.....gal. .13 - —
Denver.....gal. .11½- —
Louisville.....gal. .10½- —
Minneapolis.....gal. .109 - —
New Orleans.....gal. .12 - —
New York.....gal. .08¾- —
San Francisco.....gal. .11½- —
Kerosene distillate (see Oil, furnace).
Kieserite, calc., 96-98% $MgSO_4$ bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd..ton. No prices
Kola nuts, bgs.....lb. .07½- .08

L

Lady slipper root, bls.....lb. .55 - .60
Lanolin (see Adeps lanae).
Lard, city, tubs.....100 lbs. 9.25 - 9.50
Middlewestern, trcs....100 lbs. 9.40 - 9.50
Neutral, trcs. .....100 lbs.10.00 -10.25
Western, choice, trcs..100 lbs. 9.50 - 9.60
Compound, trcs. .....100 lbs.10.25 -10.50
Larkspur seed, bgs.....lb. .30 - .33
Laurel berries, bls.....lb. .09 - .10
Leaves, Ital., bls.....lb. .04½- .05
Lavender flowers, ordinary, bls.lb. .35 - .40
select, bls. .....lb. .46 - .48
Lead acetate, white, broken, bbls..lb. .10 - —
cryst., bbls.....lb. .10 - —
gran., bbls.....lb. .10¾- —
powd., bbls.....lb. .10¾- —
Arsenate, bgs., dealers E. of Rockies..lb. .12½- —
W. of Rockies.....lb. .12½- —
l.c.l., bgs., dealers, E. of Rockies..lb. .13 - —
W. of Rockies.....lb. .12¾- —
Lead arsenate prices are works or whse basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse pick ups.
Blue, basic sulphate, bbls., c.l., dlvd, E..lb. .06 - —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .....lb. .06¼- —
l.c.l., dlvd., E.....lb. .06¾- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .....lb. .06½- —
Carbonate (see Lead, white).
Chloride, pure, bots., 5 lbs..lb. .62 - —
fib. dms., 25 lbs.....lb. .49 - —
Iodide, N. F., V., powd., bots., 5 lbs..lb. 2.67 - —
jars .....lb. 2.55 - —
Linoleate, pale, precip., dms., lb. .19 - —
Metal (see daily quotations in market report).
Metallic, paste, 200-lb. cont., f.o.b. works..lb. .17½- —
5-lb. cont., f.o.b. works....lb. .20½- —
Nitrate, bbls.....lb. .10 - .13
Oleate, bbls.....lb. .18½- .20
Peroxide, cns., works.....lb. .46 - .47
Red, dry, 95% or less, Pb_3O_4, bbls., c.l., (20 tons), dlvd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .0765- —
other points.....lb. .0740- —
l.c.l., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .08 - —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .08½- —
Colo., Mont., N. Mex., Wyo..lb. .08¼- —
other points ....lb. .07¾- —
smaller lots, dlvd., Ala., etc..lb. .08½- —
Ariz., etc. .....lb. .09 - —
Colo., etc. .....lb. .08¾- —
other points ....lb. .08¼- —
97%, Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ala., etc. lb. .0790- —
other points .....lb. .0765- —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .08¼- —
Ariz., etc. .....lb. .09¼- —
Colo., etc. .....lb. .09 - —
other points ....lb. .08½- —
98%, Pb_3O_4, bbls., c.l., (20 tons), dlvd., Ala., etc..lb. .0815- —
other points ....lb. .0790- —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .08½- —
Ariz., etc. .....lb. .09 - —
Colo., etc. .....lb. .08¾- —
other points ....lb. .08¼- —
smaller lots, dlvd. Ala., etc..lb. .09 - —
Ariz., etc. .....lb. .09½- —
Colo., etc. .....lb. .09¼- —
other points ....lb. .08¾- —
in oil, 95% min., 100-lb. kgs., lb. .11¾- —
Resinate, fused, 16%, bbls...lb. .09½- —
pale, bbls.....lb. .11½- —
precip., bbls.....lb. .16½- —
Stearate, bbls. .....lb. .22 - .23
Sulphate (see Lead, white, basic sulphate).
Titanate, bbls., c.l., f.o.b. works, frt. alld..lb. .11 - —
l.c.l., 5 tons, one delvy, dlvd., lb. .11¼- —
smaller lots .....lb. .11½- —
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo..lb. .07 - —
other points.....lb. .06¾- —
l.c.l.,dlvd.,Ariz., etc..lb. .07¼- —
other points.....lb. .07 - —
Lead, white, dry, basic sulphate, bbls., c.l., dlvd., Ariz. etc..lb. .06¼- —
other points .....lb. .06 - —
l.c.l., dlvd., Ariz., etc...lb. .06½- —
other points.....lb. .06¼- —
in oil, 100-lb. kgs., consumers, lb. .11¼- —
dealers .....lb. .09¼- —
painters .....lb. .10¼- —
Lecithin, 100%, cns., f.o.b., N. Y., or Chi....lb. 2.50 - —
edible, grade 1, dms., c.l., same basis..lb. .45 - —
l.c.l., same basis.....lb. .47½- .65
grades 2 or 3, dms., c.l., same basis..lb. .47½- —
l.c.l., same basis.....lb. .50 - .67½
grade 4, dms., c.l., same basis, lb. .50 - —
l.c.l., same basis.....lb. .52½- .70
purified, cs., dms., c.l., same basis..lb. .65 - —
l.c.l., same basis.....lb. .67½- .85
tech., grade 1, dms., c.l., same basis..lb. .35 - —
l.c.l., same basis.....lb. .37½- .55
grades 2 or 3, dms., c.l., same basis..lb. .37½- —
l.c.l., same basis.....lb. .40 - .57½
grade 4, dms., c.l., same basis, lb. .40 - —
l.c.l., same basis.....lb. .42½- .60

Lecithin prices quoted above are for goods packed in 25, 50, or 100-lb. dms. When goods are packed in 500-lb. dms. prices are 1c. per lb. less.

Lemon peel, bls.....lb. .09 - .10
Licorice extract, mass, cs.....lb. .17 - .18
powd., bbls.....lb. .24 - .25
Root, bls.....lb. .04½- .05
powd., bbls., bxs.....lb. .07 - .08
select, bndls., cs.....lb. .16 - .17
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b. Bellefonte, Pa. .....ton. 7.50 - —
Berkley, W. Va.....ton. 7.50 - —
California, northern..ton.11.80 - —
southern .....ton.11.45 - —
Cedar Hollow, Pa...ton. 8.00 - —
Chicago .....ton. 7.25 - —
Crab Orchard, Tenn.ton. 6.25 - —
Dallas, Texas.....ton. 8.50 - —
Durbin, Ohio.....ton. 6.50 - —
Eagle Mountain, Va.ton. 7.00 - —
Easton, La. .....ton. 8.00 - —
Farnams, Mass. ....ton. 8.00 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala. .....ton. 7.00 - —
Knoxville, Tenn. ....ton. 6.25 - —
Leroy, Minn.....ton. 8.00 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 6.25 - —
Marble Cliff, Ohio....ton. 6.50 - —
Marblehead, Ohio....ton. 7.50 - —
Martinsburg, W. Va.ton. 7.50 - —
Menominee, Mich....ton. 8.00 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Potoskey, Mich.....ton. 8.00 - —
Port Island, Mich....ton. 7.50 - —
Ripplemead, Va. ....ton. 7.00 - —
Riverton, Va. .....ton. 7.00 - —
Scioto, Ohio.....ton. 6.00 - —
Sheboygan, Wis.....ton. 7.00 - —
Sherwood, Wis.....ton. 7.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
hydrated, paper bgs., Bellefonte, Pa...ton. 9.00 - —
Berkley, W. Va.....ton. 9.00 - —
Buffalo .....ton.10.00 - —
California, northern.ton.15.30 - —
southern .....ton.13.95 - —
Cedar Hollow, Pa...ton. 8.50 - —
Chicago .....ton. 9.50 - —
Crab Orchard, Tenn.ton. 9.00 - —
Dallas, Tex.....ton.12.00 - —
Durbin, Ohio.....ton. 8.00 - —
Eagle Mountain, Va.ton. 9.00 - —
Easton, La. .....ton.10.00 - —
Farnams, Mass.....ton. 9.50 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo.....ton. 8.50 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.00 - —
Louisville, Ky.....ton.14.50 - —
Marble Cliff, Ohio...ton. 8.00 - —
Marblehead, Ohio....ton. 8.50 - —
Martinsburg, W. Va.ton. 9.00 - —
Milltown, Ind.....ton.12.50 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Pelham, Ala.....ton. 9.00 - —
Potoskey, Mich.....ton. 9.00 - —
Port Island, Mich....ton. 9.00 - —
Rapid City, S. D....ton.12.00 - —
Ripplemead, Va. ....ton. 9.00 - —
Riverton, Va.....ton. 9.00 - —
Scioto, Ohio.....ton. 8.00 - —
Sherwood, Wis. .....ton. 9.00 - —
Siluria, Ala. .....ton. 9.00 - —
Springfield, Mo. .....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —
Lime, chemical, spray, paper bgs., f.o.b., Bellefonte, Pa. ton. 9.00 - —
Durbin, Ohio .....ton. 9.00 - —
Farnams, Mass.....ton. 9.00 - —
Gibsonberg, Ohio.....ton.11.00 - —
Marble Cliff, Ohio....ton.11.00 - —
Marblehead, Ohio....ton.11.00 - —
Mitchell, Ind. .....ton. 9.00 - —
Scioto, Ohio .....ton. 9.00 - —
Sherwood, Wis. .....ton. 9.00 - —
Woodville, Ohio.....ton.11.00 - —
lime salts (see Calcium)
Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kan., Okla., Tex..lb. .07½- .08⅛
dms., same basis.....lb. .10¼- —
400 lbs., or more, bgs., same basis..lb. .07¾- .08⅜
dms., same basis.....lb. .11 - —
less than 400 lbs., same basis, lb. .08⅛- .09¼
dms., same basis.....lb. .13 - —
solution, zone 1, dms., consumer, gal. .10 - —
Zone 2, tanks, dealers, wks., gal. .08⅛- —
30-50 dms.....gal. .11 - .15
Zone 3, tanks, dealers, dlvd., gal. .11¼- —
30-50 dms.....gal. .14 - .18
Zone 4, tanks, dealers, wks., gal. .08 - —
dms., c.l. and l.c.l....gal. .13 - .14
Zone 5, tanks, dealers, dlvd., gal. .10¼- —
c.l. and l.c.l.....gal. .12 - .14
Zone 6, tanks, dealers....gal. .07½- —
30-50 dms.....gal. .09 - .13

Prices for lime sulphur solution are f.o.b. warehouse points, freight allowed. Zone 1 includes Ga., S. C., Ala., N. C., except the counties of Ashe, Surry, Stokes, Rockingham and Alleghany; Tenn., east of Tenn. River. Zone 2: New England States. Zone 3: Ark., Ohio, Ind., Ill., Ia., Ky., Mich., Wis., Minn., Mo., and Tenn., west of Tenn River; Penna., eastern tier, and W. Va., western tier. Zone 4: West of Rocky Mountains, except southern California, which makes up Zone 5. Zone 6: N. Y. east of Herkimer, N. J., Md., Del., Va., Pa.—all counties lying east of the western boundary of Bedford, Blair, Center, Clinton and Potter, W. Va.—counties of Mineral, Hampshire, Morgan, Berkeley, Jefferson, and Hardy, N. C.—counties of Ashe, Alleghany, Surry, Stokes, and Rockingham.

Hexalin—Manganese

Linalool, cns.....lb. 2.10 - 6.30
Linalyl acetate, cns., 25 lbs...lb. 1.35 - 2.25
Linden flowers, with leaves, bls.lb. .19 - .20
without leaves, bls.....lb. .16 - .17
Linseed cake, bgs., export....ton.31.50 -31.75
Meal, 34% dom., bgs.....ton.44.00 - —
Litharge, com'l, powd., bbls., 20-tons dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .0665- —
dlvd., other points....lb. .0640- —
5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash.....lb. .07 - —
Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Wash..lb. .07½- —
Colo., Mont., N. Mex., Wyo..lb. .07 - —
other points .....lb. .06¾- —
smaller lots, dlvd., Ala., etc. lb. .07½- —
Ariz., etc. .....lb. .08 - —
Colo., etc. .....lb. .07¾- —
other points .....lb. .07¼- —
Lithium bromide, bbls., 100 lbs., works, frt. equal'd..lb. 1.90 - —
50 lbs., works.....lb. 1.93 - —
25 lbs., works.....lb. 1.95 - —
Carbonate, 250-lb., bbls.....lb. 1.25 - —
100-lb. kgs.....lb. 1.30 - —
Chloride, 25-lb. jars.....lb. 1.65 - 1.70
Citrate, 250-lb. bbls.....lb. 1.40 - —
25-lb. dms.....lb. 1.45 - —
100-lb. kgs.....lb. 1.40 - —
Iodide, 5-lb. bots.....lb. 4.85 - —
25-lb. jars.....lb. 4.70 - —
Fluoride, bbls.....lb. 2.10 - 2.25
Lithopone, dom., high-strength, bgs., 20 tons, dlvd., E. or ex whse. Pac. Cst.....lb. .05⅝- —
smaller lots, same basis..lb. .05⅞- —
bbls., 20 tons, same basis, lb. .05⅞- —
smaller lots, same basis.lb. .06⅛- —
ordinary, bgs., 20 tons, same basis..lb. .04½- —
smaller lots, same basis.lb. .04⅝- —
bbls., 20 tons, same basis, lb. .04¾- —
smaller lots, same basis.lb. .04⅝- —
titanated, bgs., 20 tons, same basis..lb. .05⅝- —
smaller lots, same basis.lb. .05⅞- —
bbls., 20 tons, same basis, lb. .05⅞- —
smaller lots, same basis.lb. .06⅛- —
Liverwort leaves, bls.....lb. .18 - .19
Lobelia herb, bls.....lb. .13 - .14
Seed, bgs.....lb. .40 - .45
Logwood extract, cryst., bbls..lb. .18 - .24
liquid, 51°, bbls.....lb. .09½- .11½
solid, bxs. .....lb. .15 - .19
Lovage root, dom., bls.....lb. .55 - .65
import, bls. .....lb. .35 - .37
Lupulin, N.E., tins.....lb. 1.15 - 1.50
Lycopodium, cs. .....lb. 1.05 - 1.10

M

Mace, Banda, cs.....lb. .54 - .55
Batavia, cs. .....lb. .42 - .43
Siauw, 1, cs.....lb. .47 - .48
Madder, Dutch, bbls.....lb. .22 - .25
Magnesia arsenate, cvl.....lb. .18 - .20
Calcined, tech., USP, bbls., works..lb. .26 - —
Carbonate, tech., Zone 1, bgs., c.l..lb. .06¼- —
l.c.l. .....lb. .07 - —
bbls., c.l.....lb. .07¼- —
l.c.l. .....lb. .08 - —
kgs., c.l.....lb. .08¾- —
l.c.l. .....lb. .09½- —
USP, Zone 1, bbls., c.l.....lb. .08¼- —
l.c.l. .....lb. .09 - —
kgs., c.l.....lb. .09¾- —
l.c.l. .....lb. .10½- —

Magnesia:—Zone 1—Mass., Conn., R. I., N. Y., N. J., Pa., Del., and Md. Zone 2, balance of U. S. C.l., shipm'ts, full fr't alld. up to, but not exceeding 25c. per 100 lbs., actually paid by customers. On l.c.l. shipm'ts, frt. alld. including dlvd. store-door. Magnesia prices are f.o.b., Plymouth meeting house.

Chloride, flake, dom., bbls., works..ton.39.00 -42.00
Hypophosphite, cns., 100 lbs.lb. 1.45 - —
25 lbs. .....lb. 1.50 - —
Oxide (see Calcined).
Palmitate, bbls. .....lb. .33 Nom.
Peroxide, 15%, dms., works.lb. 1.00 - 1.35
Silicate (see Talc).
Silicofluoride, bbls.....lb. .09½- .10½
Stearate, bbls., ctns., c.l.....lb. .21 - —
1 ton .....lb. .22 - —
1,000-2,000 lbs. .....lb. .23 - —
smaller lots .....lb. .24 - —
Sulphate (see Epsom salt).
Magnesite, cal., dom., bgs....ton.56.00 -60.00
import, bbls.....ton.60.00 -65.00
dead-burned, dom., bulk, c.l., f.o.b. Chewelah, Wash....ton.25.00 - —
Magnesium hydroxide, medicinal, bbls., 200 lbs..lb. .29 - —
dms., 25 lbs.....lb. .34 - —
kgs., 100 lbs. .....lb. .30 - —
Trisilicate, cs., 500-lb. lots..lb. .53 - —
100-lb. lots .....lb. .55 - —
cns., ...lb. .75 - .80
Malva flowers, black, bls.....lb. .45 - .47
blue, bls. .....lb. .45 - .50
Leaves, bls. .....lb. .11 - .12
Manaca root, bls. .....lb. .20 - .21
Mandrake root, bls.....lb. .10½- .11
Manganese acetate, dms.....lb. .26½- —
Arsenate, bgs. .....lb. .12 - .12½
Borate, tech., bbls.....lb. .15 - .16
Carbonate, bbls. .....lb. .19 - —
Chloride, bbls. .....lb. .07½- .07¾
Dioxide, Caucasian, 85-90%, bbls., c.l., works..ton.61.50 - —
l.c.l., 5 tons, works..ton.64.50 - —
smaller lots, works..ton.69.50 - —
burlap bgs., c.l., works.ton.59.50 - —
l.c.l., 5 tons, works..ton.62.50 - —
smaller lots, works.ton.67.50 - —
paper bgs , c.l., works.ton.57.50 - —
l.c.l., 5 tons, works.ton.60.50 - —
84-87% bgs., 28-40 tons, wks. ton.57.00 - —
5-15 tons, wks.....ton.60.00 - —
¼-4 tons, wks.....ton.65.00 - —
300-600 lbs., wks.....ton.75.00 - —
Glycerophosphate, bbls., kgs., 1,000-lb. lots ....lb. 2.01 - —
smaller lots .....lb. 2.71 - —
cns., 25 lbs. .....lb. 2.83 - —
solut., djns., 1,000-lb. lots, lb. .61 - —
smaller lots .....lb. .71 - —
cns., 25 lbs. .....lb. .81 - —
Hydrate, bbls., dlvd.....lb. .82 - —
Iodide, bots., 5 lbs.....lb. 5.45 - —
jars, 25 lbs. .....lb. 5.30 - —
Linoleate, liquid, 4%, dms...lb. .18 - .19½
solid, precip., 8.2%, bbls..lb. .19 - —
Ore, 50-52% basis, bbls., c.l., Atl. ports..unit-ton.45.00 -47.00

Manganese Res.—Oil, Lub.

Manganese, resinate, fused, 3½%, bbls....lb. .08¼- .08½
precip., dms. ....lb. .12 - —
Sulphate, anhyd., bbls., works, lb. .07 - .07½
cryst., 65% $MnSO_4$, bgs., c.l., dlvd. South..ton.48.75 - —
l.c.l., bgs. ....ton.55.75 - —
80-85%, bgs., c.l., works, frt. alld. to S.F.A. territory, unit-ton. .75 - —
l.c.l., 5 tons, works...lb. .03½- —
smaller lots, works..lb. .04 - —
Mangrove bark, bgs., shipt..ton.25.00 - —
Manna flake, large, cs.....lb. .40 - .41
small, cs.....lb. .22 - .23
Mannitol, reagent, pure cryst., cs., works..lb. 1.30 - —
commercial, cryst., bbl., ton lots..lb. .55 - —
smaller lots.....lb. .70 - —
Marble flour, bgs.....ton.12.00 -14.00
Marjoram, French, bbls.....lb. .16 - .16½
Tunisan, bls. ....lb. .15½- .16
Matico leaves, bls.....lb. .24 - .25
Menthol, USP, natural, cs....lb. 3.25 - 3.35
synthetic, tech., cs.....lb. 2.25 - —
USP, cs. ....lb. 3.00 - —
liquid, dms., 50 lbs.....lb. 1 25 - —
Menthyl salicylate, tins, 100-lb. lots..lb. 3.00 - —
25-lb. lots ....lb. 3.10 - —
Mercurial ointment, 30%, pails, 50 lbs ....lb. .77 - —
25 lbs ....lb. .79 - —
50%, pails, 50 lbs.....lb. 1.11 - —
25 lbs. ....lb. 1.13 - —
Mercury (see Quicksilver).
Bichloride (see Corrosive sublimate).
Bisulphate, bots., 5 lbs.....lb. 1.81 - —
fib., dms., 100 lbs.....lb. 1.68 - —
jars, 25 lbs ....lb. 1.70 - —
Chloride (see Calomel).
Iodide, red N. F., bots., 5 lbs., lb. 3.55 - —
cns., 25 lbs.....lb. 3.60 - —
fib., dms., 100 lbs.....lb. 3.60 - —
yellow, bots., 5 lbs.....lb. 3.80 - —
cns., 25 lbs.....lb. 3.65 - —
fib., dms., 100 lbs.....lb. 3.65 - —
Nitrate ointment (see Citrine ointment).
Mercury, oxide red, N.F. (see ed precipitate). tech. (See Red, mercury oxide).
Yellow, dom., tech., bbl....lb. 1.21 - —
USP, fib. dms., 50 lbs. or more..lb. 1.73 - —
Mercury and chalk, ctns., 5 lbs., lb. 1.22 - —
fib., dms., 25 lbs.....lb. 1.10 - 1.12
Mesityl oxide, cns., works.....lb. .25½- .27½
dms., c.l., works.....lb. .21 - —
l.c.l., works.....lb. .21½- —
tanks, works.....lb. .20 - —
Metal leaf, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in..pkg. 1.50 - 1.75
composition, 5½x5½in...pkg. 1.70 - 1.80
Gold, XX deep, 23K, 3⅜x3⅜ in..pkg.15.25 -15.75
3⅜x3⅜ in. ....pkg.16.15 -17.50
4x4 in ....pkg.19.50 -20.00
3⅜x3⅜ in. ....pkg.22.50 -23.00
3⅜x3⅜ in....pkg.24.50 -25.00
Silver, 3⅜x3⅜ in....pkg. 2.75 - 2.85
Metanitroanilin, kgs.....lb. .67 Nom.
Metanitroparatoluidin, bbls....lb. 1.45 - —
Metaphenylenediamine, kgs....lb. .65 - —
Metatoluylenediamine, kgs. ....lb. .65 - —
Methanol, natural, denat. grade, tanks..gal. .25 - —
97%, tanks.....gal. .32 - —
95%, tanks.....gal. .31 - —
Methyl acetone, tanks.....gal. .25 - —
Methanol in drums, car lots, is 5c. per gal. higher, frt. alld., east of the Rocky Mts. Prices on the Pacific Coast are 3c. higher on tanks and 4c. per gal. higher on drums, car lots.
pure, synth., dms., c.l., Zone 1, frt. alld..gal. .38 - —
2, frt. alld.....gal. .41 - —
3, frt. alld.....gal. .42 - —
4, frt. alld.....gal. .44 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .40½- —
zone 2, frt. alld. or dlvd., gal. .47 - —
3, frt. alld. or dlvd..gal. .44½- —
4, frt. alld. or dlvd..gal. .60 - —
tanks, Zone 1, frt. alld..gal. .33 - —
2, frt. alld.....gal. .35½- —
3, frt. alld.....gal. .36½- —
4, frt. alld.....gal. .37 - —
Synthetic methanol sales zones are —Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Methyl acetate, 97-99%, dms., c.l., E. of Miss. R..lb. .08 - —
W. of Miss. R.....lb. .09 - —
l.c.l., dms., dlvd. E. of Miss. R..lb. .08½- —
W. of Miss. R.....lb. .09½- —
tanks, dlvd. E. of Miss R. lb. .07 - —
W. of Miss. R.....lb. .08 - —
tech., dms., c.l., dlvd. E. of Miss. R..lb. .07½- —
W. of Miss. R.....lb. .08½- —
l.c.l., dlvd. E. of Miss. R..lb. .08 - —
W. of Miss. R. ....lb. .09 - —
tanks, dlvd. E. of Miss. R., lb. .06½- —
W. of Miss. R. ....lb. .07½- —
Acetoacetate, dms., c.l., works, frt. alld..lb. .29½- —
Acetone, natural, tanks.....gal. .25 - —
Methyl acetone in drums, car lots, is 5c. per gal. higher, frt. alld., east of Rocky Mts. Prices on Pacific Coast are 3c. per gal. higher on tanks and 4c. per gal. higher on drums, car lots.
Synthetic, dms., c.l., Zone 1, frt. alld. E. of Rockies gal. .38 - —
2, frt. alld. E. of Rockies, gal. .41 - —
3, Pacific Coast.....gal. .42 - —
Zone 4.....gal. .44 - —
l.c.l., Zone 1, frt. alld. E. of Rockies..gal. .41 - —
2, frt., alld. E. of Rockies..gal .475 - —
3, Pacific Coast.....gal. .45 - —
Zone 4.....gal. .605 - —
tanks, Zone 1, frt. alld. E. of Rockies.....gal. .315 - —
2, ft. alld. E. of Rockies, gal. .34 - —
3, Pacific Coast.....gal. .35 - —
Zone 4.....gal. .355 - —

Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, Pacific Coast; Zone 4, Ariz., Col., Mont., Nev., Idaho, Ore., Utah, Wash., N. Mex.
Methyl alcohol, (see Methanol).
Anthranilate, bots. ....lb. 2.10 - 2.30
Benzoate, cns., 25 lbs.....lb. .70 - 1.20
Bromide, cyl. ....lb. .60 - .75
Chloride, refrigeration, 500 lbs. and up, machine mfrs. and jobbers, cylinders.lb. .32 - —
service men and consumers, cyl..lb. .36 - —
60 to 499 lbs., cyl., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, cyl..lb. .40 - —
tanks, multi-unit, mach. mfrs. and jobbers lb. .31 - —
service men and consumers, lb. .35 - —
Methyl chloride quotations are spot or contract, effective July 1, for delivery to any common carrier point in United States. Prices above are in 60, 90 and 130-lb. cylinders. Prices on the 20-lb. cylinders are uniformly 10c. per pound higher than above prices.
Cinnamate, bls. ....lb. 2.45 - 3.75
Formate, dms. ....lb. .35 - .36
Lactate, dms., l.c.l., dlvd..lb. .30 - —
Iodide, bots. ....lb. 3.68 - 3.83
Salicylate, dms. ....lb. .40 - .42
cns. ....lb. .42 - .45
Violet toner, bbls. ....lb. .38 - —
permanent, bbls. ....lb. .80 - —
Methylbutyl ketone, dms., c.l., frt. pd. E. of Rocky Mts.lb. .11¼- —
l.c.l., same terms.....lb. .12 - —
tanks, same terms.....lb. .10½- —
Methylene blue, medcl., kgs., 100 lbs..lb. 2.00 - —
cns., 5 lbs.....lb. 2.35 - —
Chloride, dms., f.o.b. works..lb. .18 - .22
Methylheptenone, bots.....lb. 2.45 - 3.00
Methylheptin carbonate, bots..lb.23.00 -44.00
Methylhexyl ketone, dms., tech., wks..lb. .60 - —
Methylisobutyl ketone, dms., 55-gal., c.l., works..gal. .76 - —
l.c.l., works.....gal. .80 - —
smaller containers, works.gal. 1.00 - —
tanks, works.....gal. .70 - —
Methylnaphtyl ketone, dom., cryst., bots..lb. 3.25 - 3.30
imp. bots.....lb. 3.10 - —
Methylpropyl carbinol (see Carbinol).
Ketone, dms., c.l.....lb. .16 - —
l.c.l. ....lb. .20 - —
tanks ....lb. .15 - —
Metronite pigment, 120 mesh, containers, extra, c.l., f.o.b. Milwaukee..ton. 9.00 - —
l.c.l., same basis.....ton.11.00 - —
180 mesh, containers extra, c.l., same basis..ton.11.00 - —
l.c.l., same basis.....ton.13.00 - —
250 mesh, containers, extra, c.l., same basis..ton.18.00 - —
l.c.l., same basis.....ton.15.00 - —
325 mesh, containers, extra, c.l., same basis..ton.18.00 - —
l.c.l., same basis.....ton.20.00 - —
Mica, dry grd., amber, No. 1 quality, bgs., extra and returnable, c.l., works..ton.30.00 - —
l.c.l., 5,000 lbs., works, ton.40.00 - —
Mica, dry grd., amber, No. 1 quality, bgs., extra and returnable, l.c.l., 1,000 lbs. works.lb. .02 - —
500 lbs., works....lb. .02½- —
100 lbs., works....lb. .03 - —
roofing, bgs., extra and returnable, c.l., works..ton.29.00 - —
l.c.l., 5,000 lbs., works, ton.39.00 - —
white, No. 1 quality, bgs., extra and returnable, c.l., works..ton.35.00 - —
l.c.l., 5,000 lbs., works ton.45.00 - —
1,000 lbs., works..lb. .02½- —
500 lbs., works....lb. .03 - —
100 lbs., works....lb. .03½- —
wet-ground, paint or lacquer, bgs., c.l., dlvd. E..lb. .04¼- —
l.c.l., 1,000 lbs., dlvd. E..lb. .04¾- —
smaller lots, dlvd. E..lb. .05¼- —
paper, wall or coated bgs., c.l., frt. alld., E..lb. .04½- —
l.c.l., 1,000 lbs., frt. all., E..lb. .04¾- —
smaller lots, frt. alld., E lb. .05½- —
rubber, bgs., c.l., frt. alld. E. lb. .04 - —
l.c.l., 1,000 lbs., frt. alld., E lb. .04½- —
smaller lots, frt. alld., E .lb. .05 - —
Wet-ground mica prices are ½c. per pound higher on Pacific Coast.
Milk powder, skimmed, roller, bbls. c.l. lb. .06 - —
l.c.l. ....lb. .07 - —
spray, bbls., c.l.....lb. .0[illegible] - —
l.c.l. ....lb. .0[illegible] - —
unskimmed, roller, bbls., c.l., lb. .16½- —
l.c.l. ....lb. .17½ —
spray, bbls., c.l.....lb. .16½- —
l.c.l. ....lb. .17½- —
Millet seed, yellow, bgs.....lb. .03¼- .03½
red, bgs.....lb. .0240- .0270
hulled, bgs. ....lb. .05½- .06
Mineral spirits (see Petroleum thinner and V M & P, naphtha).
Molasses, blackstrap, tanks..gal. .06½- —
New Orleans.....gal. .06 - —
Molybdate orange (see Orange, molybdate).
Molybdenum metal, kgs., 99% powd..lb. 2.60 - 3.00
Monoamylamine, dms., c.l., wks., lb. .52 - —
l.c.l., works ....lb. .55 - —
Monobutylamine dms., l.c.l., works..lb. .65 - —
Monochlorobenzene, dms. ....lb. .06 - .06½
Monoethanolamine, dms., c.l., works..lb. .24 - —
l.c.l., dms. ....lb. .25 - —
tanks ....lb. .23 - —
Monoethylaniliin, dms. ....lb. .77 Nom.
Monomethylamine, dms., c.l., dlvd..lb. .65 - —
l.c.l., dlvd.....lb. .70 - —
Monomethyipara-aminophenol sulphate, dms..lb. 3.75 - 4.00
Morphine, bots., 5 ozs.....oz.11.10 - —
cns., 25 ozs.....oz.10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Ethylhydrochloride, bots. 5 ozs., oz.10.75 - —
cns., 25 ozs.....oz.10.55 - —
Hydrobromide, bots., 5 ozs..oz. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Morpholine, dms., 55 gal., l.c.l., works..lb. .75 - —
smaller containers, works....lb. 1.00 - —
Mullein flowers, cns.....lb. .80 - .85
Leaves, bls.....lb. .07 - .08

Musk, nat., Tonquin, grained, bots..oz.21.00 -22.00
pods, caddies, 20 ozs.....oz.19.00 -21.00
synth., ambrette, cns., 100 lbs. or more..lb. 3.25 - —
5 lbs. to 75 lbs.....lb. 3.50 - —
1 lb.....lb. 3.65 - —
ketone, cns., 100 lbs. or more, lb. 3.40 - —
5 lbs. to 75 lbs.....lb. 3 65 - —
1 lb.....lb. 3.80 - —
xylol, cns., 100 lbs. or more.lb. 1.00 - —
5 lbs. to 75 lbs .....lb. 1.10 - —
1 lb.....lb. 1.25 - —
Musk root, bls.....lb. .12 - 13
Mustard seed, Bombay, brown, bgs..lb. .05 - .05½
California, brown, bgs.....lb. .07 - .07½
Chinese, yellow, bgs.....lb. .05¾- .06¼
Danish, yellow, bgs.....lb. .08 - .08½
Dutch, yellow, bgs.....lb. .07¾- .08
English, yellow, bgs.....lb. .09 - .09½
Hungarian, yellow, bgs ....lb. .07¾- .08
Roumanian, yellow, bgs....lb. .06 - .06½
Myrobalans, J1, bgs., shipt...ton.27.50 - —
J2, bgs., shipt.....ton.19.00 - —
R2, bgs., shipt.....ton.17.50 - —
Extract, liquid, 25%, bbls....lb. .03¾- .05¼
solid, 50% bbls.....lb. .04¾- —
powdered, 70% bbls.....lb. .05¾- —

N

Naphtha, Painters' (see Petroleum naphtha. V. M. & P.).
Solvent (see S).
Naphthalene, crude, dom., 74 deg., bgs., bbls., wks., 100 lbs. 2.35 - 2.85
78 deb., bgs., bbls., wks., 100 lbs. 2.75 - 3.38
Import, bs., Atl. ports...100 lbs. 1.70 - 2.15
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works.....lb. .06¾- —
50-lb. cs., same basis..lb. .07 - —
pkgs. (16 oz.), same basis, lb. .07½- —
(12 oz.) same basis..pkg. .06 - —
chipped, crushed, bbls., same basis..lb. .06½- —
rice, cryst., powd., bbls., same basis..lb. .06¾- —
Neroiin, cryst., cns.....lb. 1.25 - 1.35
Nickel carbonate, bbls .....lb. .36 - .37½
Chloride, bbls. ....lb. .18 - .20
Oxide, black, bbls.....lb. .35 - .38
Salt, bbls. ....lb. .13 - .13½
Nicotine sulphate, 40%, dms., works, frt. alld.lb. .70 - —
10-lb, tins .....lb. .86½- —
Nitersake, bulk, works.....ton.16.00 - —
Nitrobenzene, dbl. dist., dms., c.l..lb. .08 - —
l.c.l. ....lb. .09 - —
tanks ....lb. .07 - —
Nitrocellulose, alcohol-soluble, ¼, and 40. sec. vis., bbls., works..lb. .28 - —
bronzing, 20, 40, 70 sec. vis., bbls., works..lb. .29 - —
ester-soluble, ¼, ½, 5-6, 15-20 sec., bbls., c.l., dry weight, works..lb. .23 - —
Nitrocellulose, ester-soluble, bbls., l.c.l., ¼, ½, 5-6, 15-20 and higher vis., bbls., lb. .26 - —
Nitrocellulose, ester-soluble, lacquer, 20-30 and 60-80 sec., vis., bbls., works..lb. .29 - —
Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable.
Nitrogen solution, 45½% ammon., tanks, f.o.b. Atlantic and Gulf ports..unit-ton. 1.00 - —
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk, f.o.b. Carrollville, Wis., dlvd.....unit-ton. No prices.
Chemical, Ill....unit-ton. No prices.
East Coast producing points..unit-ton. No prices.
Import, bgs. c.i.f. Atlantic ports, shipt..unit-ton. 2.70 - 2.75
Nitronaphthalene, bbls.....lb. .24 - 28
Nutgalls, Aleppo, bgs., cs.....lb. No prices
Chinese, shipt, cs.....lb. No prices
Extract (see Gall extract).
Nutmegs, 80s, bgs., cs.....lb. .49 - .50
110s, bgs., cs.....lb. .19 - .19½
West Indian, bgs.....lb. .10¾- .11
Nux vomica, bls.....lb. .03¾- .04
powd., bbls., bxs.....lb. .06 - .07

O

Oakbark extract, 25% tan., bbls., c.l., works..lb. .03¼- —
l.c.l., bbls., works.....lb. .03¼- —
Ocher (see Yellow).
Octanes, 100-140° C., mixed, dms., c.l., G.3..gal. .12¼- —
l.c.l., G.3.....gal. .17 - —
tanks, G.3.....gal. .10¼- —
Octyl acetate, dms., c.l., works.lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works.....lb. .15 - —
Oil, almond, bitter, artif. (see Benzaldehyde)
natural, bots.....lb. 2.00 - 2.50
s.p.a., bots.....lb. 2.05 - 2.75
sweet, true, exp., cns.....lb. .65 - .68
Amber, crude, cns.....lb. .16 - .17
ref'd, cns.....lb. .50 - .51
Amyris, cns.....lb 8.00 - 8.25
Angelica root, bots.....lb.61.25 -100.00
seed, bots.....lb.70.00 -80.00
Aniilin (see A).
Anise, USP, cns., dms.....lb. .85 - .90
Apricot kernel, cns.....lb. .28 - .32
Babassu, tanks.....lb. .06¾ Nom.
Bay, W. I., cns.....lb. 1.35 - 1.50
Bergamot, artif., cns.....lb. 1.25 - 1.30
natural, coppers .....lb. 3.90 - 4.00
Betula (see Oil, sweet birch).
Birch (see Oil, sweet birch).
Birch tar, crude, dms.....lb. .16 - .17
rectified, cns.....lb. .70 - .75
Bois de rose, Brazil, cns....lb. 1.55 - 1.60
Cayenne, cns.....lb. 1.50 - 1.75
Cade, USP IX (see Oil, juniper tar).
Cajeput, tech., dms.....lb. .47 - .55
USP IX, cns. ....lb. .50 - .66
Calamus, cns. ....lb. 4.25 - 4.50
Camphor, sassafrassy, cns....lb. .19 - .20
dms. ....lb. .17 - .18
white, cns.....lb. .20 - .21
dms. ....lb. .17 - .18
Cananga, native, cns.....lb. 1.25 - 1.30
rectified, cns. ....lb. 1.80 - 1.85
Capsicum (oleoresin), USP X, cns..lb. 1.90 - 2.00
Caraway, USP, cns.....lb. 1.90 - 2.00
Cardamom, bots. .....lb.15.00 -33.00
Cassia, USP, cns., dms.....lb. 1.00 - 1.10
Castor, blown, one-way dms., c.l..lb. .11¼- —
l.c.l. ....lb. .12 - —
medicinal, bbls., c.l.....lb. .09¾- —
l.c.l. ....lb. .10¼- —
cns. (1-gal.), l.c.l.....lb. .13½- —
dms. (returnable), c.l. ..lb. .09½- —
l.c.l. ....lb. .10¼- —
(5-gal.), l.c.l. .....lb. .11½- —
tanks ....lb. .09 - —
Oil, castor, No. 3, bbls., c.l....lb. .09¼- —
l.c.l. ....lb. .10 - —
dms. (returnable), c.l....lb. .09 - —
l.c.l. ....lb. .09¾- —
tanks ....lb. .08½- —
Castor oil, med. and No. 3 prices are dlvd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ⅝c. higher than N. Y.; l.c.l. prices ⅝c. higher than N. Y.; one-way dms., ¼c. higher, all points.
sulphonated, 50% (48% fat), dms., c.l..lb. .06¼- .06¾
l.c.l. ....lb. .07¼- .08¾
75% (63% fat), dms., c.l..lb. .09 - .09¼
l.c.l. ....lb. .10 - .10¾
80% (68% fat), dms., c.l..lb. .09½- .10¼
l.c.l ....lb. .10½- .11
Cedarleaf, cns. ....lb. .75 - .80
dms. ....lb. .72 - .77
Cedarwood, Oregon, cns., dms. lb. .28 - .30
Southern, cns., dms.....lb. .20 - .23
Celery, bots.....lb. 8.75 -14.50
Chaulmoogra, USP, cns., 500 lbs. lb. .90 - —
25 lbs.....lb. 1.00 - —
Chinawood, dms.....lb. .12¾- .12½
tanks ....lb. .1160- .1170
Cinnamon, Ceylon, bots.....lb. 8.00 -22.00
Seychelle, bots. ....lb. 6.50 - 7.50
Citronella, Ceylon, cns.....lb. .35 - .35½
dms. ....lb. .33½- .34
Java, dms.....lb. .38 - .40
Clove, makers, USP, cns....lb. 1.02 - —
dms. ....lb. 1.00 - —
Coconut, Manila, crude, tanks.lb. .03¾- —
Pac. Cst.....lb. .03⅛- —
edible, 76°, tax incl., dms., (returnable), c.l..lb. .09 - —
l.c.l. ....lb. .09¼- —
tanks ....lb. .08¼- —
Cod, Newfoundland, tanked, bbls..gal. .50 Nom.
Norwegian, shipt., bbls...gal. .27 - .29
Codliver, med., U.S.P., Norwegian, bbls..bbl.26.00 - 27.00
Coriander, bots. ....lb.18.00 -20.00
Corn, crude, tanks, works....lb. .07¾- .07⅝
refd., bbls.....lb. .09¾- .10
Cottonseed, dom., cooking, bbls..lb. .09¾- —
salad, bbls.....lb. .09¾- —
Import, Brazilian, semi-refd., dms..lb. .0525 Nom.
Creosote (see C).
Croton, USP, cns.....lb. 1.30 - 1.35
Cubeb, USP, cns.....lb. 2.60 - 3.00
Crude (see Petroleum, crude).
Cumin, bots.....lb. 6.75 - 7.00
Cypress, dom., bots.....lb. 5.25 - 5.30
import., cns.....lb.12.00 -12.25
Degras (see D).
Diesel, Bayonne, bulk.....bbl. 1.75 - —
California, 24 plus, bulk..bbl. 1.55 - —
Dill seed, bots.....lb. 3.00 - 3.25
weed, bots.....lb. 3.85 - 4.10
Dip (see D).
Erigeron, cns. ....lb. 2.40 - 2.55
Eucalyptus, cns. ....lb. .36 - .38
dms. ....lb. .34 - .36
Fennel, sweet, cns.....lb. 1.10 - 1.15
Fuel, bunker, California, tide-water..bbl. .90 - —
Gulf Coast.....bbl. .85 - .90
Louisiana, Arkansas, 10-14, bbl. .85 - 1.00
N. Y. and N. J. terminals:—
Monday ....bbl. .95 - —
Tuesday ....bbl. .95 - —
Wednesday ....bbl. .95 - —
Thursday ....bbl. .95 - —
Friday ....bbl. .95 - —
Saturday ....bbl. .95 - —
North Texas, 18-22.....bbl. .80 - .85
24-28, zero cold test....bbl. 1.10 - 1.15
Oklahoma, 18-22.....bbl. .85 - .90
24-28, zero cold test....bbl. 1.07½- 1.12½
24-28, 15 and above....bbl. .90 - .95
Pennsylvania, 36-40.....gal. .04 - .04½
Furnace, Bayonne, 1, bulk, refinery..gal. .06 - —
2, bulk, same basis.....gal. .04½- —
4, bulk, same basis.....gal. .04⅜- —
Louisiana - Arkansas, 32 - 36, light straw..gal. .03¾- .04
Oklahoma, 28-30.....gal. .03¼- .03½
32-36 ....gal. .03½- .03¾
36-38 ....gal. .03¾- .03⅞
38-40, straw.....gal. .03⅜- .03¾
38-40 zero, 60 c.p.....gal. .03¾- .04
Fusel (see F).
Gas, Bayonne, bulk.....gal. .04¾- —
Gulf Coast, bulk.....gal. .04½- .04¼
North Texas, bulk.....gal. .02¾- .03
Oklahoma, bulk.....gal. .02¾- .03
Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, rose, cns.lb. 3.25 - 4.50
Bourbon, cns.....lb. 2.65 - 3.00
Turkish (see Palmarosa).
Grapefruit, cns.....lb. 2.15 - 2.20
Ginger, dist., bots.....lb. 6.25 - 6.50
Guaiac wood, concrete, bots.lb. 2.75 - 3.10
Haarlem, import., bots....gross 3.25 - 3.35
Halibut-liver, dms.....
1,000 A unit gal. .75 - 1.00
Hemlock, cns.....lb. 1.05 - 1.10
Juniper berry, USP, cns....lb. 1.10 - 1.30
Wood, tech., cns.....lb. .45 - —
Juniper tar, USP XI, 1,000 lb. dms..lb. .39 - .40
cns. ....lb. .44 - .45
Lard, common, 1, bbls.....lb. .08¾- —
2, bbls.....lb. .08½- —
extra, bbls.....lb. .09¼- —
1, bbls.....lb. .09 - —
winter, strained, extra, bbls., lb. .09½- —
prime burning, bbls.....lb. .10¼- —
prime, ed., bbls.....lb. .11½- —
ined., bbls.....lb. .09¾- —
Laurel, bots.....lb. 6.25 - 6.50
Lavandin, cns., 25 lbs.....lb. 2.00 - 2.05
Lavender flower, French, 60% ester, cns..lb. 5.00 - 5.25
38-42% ester, cns.....lb. 3.25 - 4.25
35-38% ester, cns.....lb. 2.75 - 3.00
30-32% ester, cns.....lb. 2.00 - 2.25
garden, cns. ....lb. .42 - .45
spike, Spanish, tech., cns..lb. 1.05 - 1.10
dms. ....lb. .95 - 1.10
Lemon, Calif., cns.....lb. 2.50 - —
Messina, coppers, cns.....lb. 3.25 - 4.00
Lemongrass, native, cns., dms., lb. .38 - .40
Lime, dist., cns.....lb. 4.75 - 5.00
expressed, cns.....lb. 8.00 - 9.00
Linaloe wood, cns.....lb. 1.25 - 1.30
Linseed, boiled, bbls., c.l....lb. .0900- .0920
l.c.l., 5 or more.....lb. .0940- .0960
less than 5.....lb. .0980- .1000
tanks ....lb. .0840- .0860
double boiled, bbls, less than 5 lbs..lb. .1000- .1040
raw, bbls., c.l.....lb. .0860- .0880
l.c.l., 5 or more.....lb. .0900- .0920
less than 5.....lb. .0940- .0960
tanks ....lb. .0800- .0820
Lovage, bots.....lb.41.25 -60.00
Lubricating, at refinery (including U.S. tax 4c. per gal.):—
California, green, 70, 80, 100, vis., dms..gal. .20 - —
140 vis., dms.....gal. .25 - —
green, pale, 750, 900 vis., dms..gal. .26 - —
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis., dms..gal. .26 - —

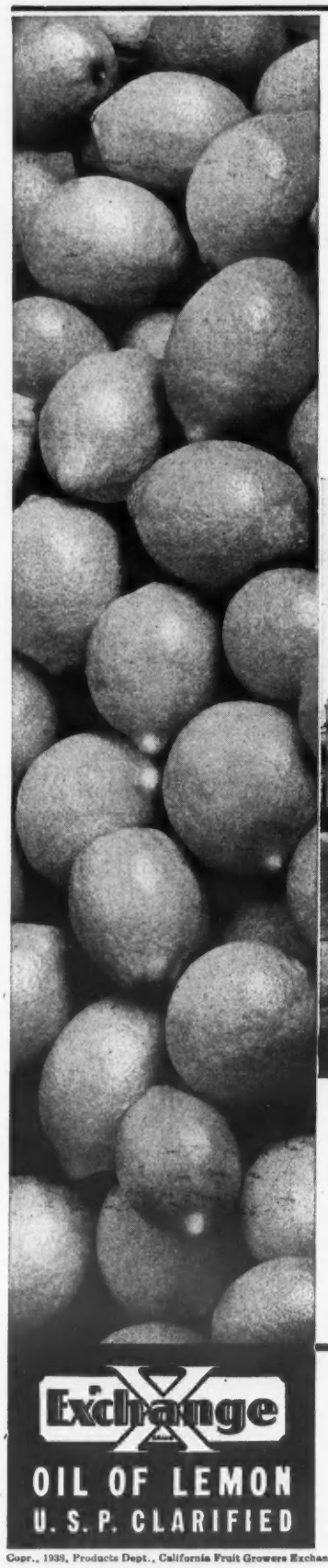
Oil, lubricating, at refinery, including U. S. tax 4c. per gal., Oklahoma, bright stocks, 100-110 D, color 4, 0-10 pour, tanks..gal. .18½- —
15-25 pour, tanks..gal. .17½- —
150-160 D, color 4½, 0-10 pour, tanks..gal. .20 - —
15-25 pour, tanks..gal. .19 - —
150-160 E, color 5½, 15-25 pour, tanks..gal. .18½- —
190-200 D, color 4¾, 15-25 pour, tanks..gal. .23 - —
200-210 E, 15-25 pour, tanks..gal. .22 - —
neutrals, 0-10 pour, 150 vis., 3 color, tanks....gal. .13 - —
180 vis., 3 color, tanks, gal. .14 - —
4 color, tanks....gal. .13½- —
200 vis., 3 color, tanks, gal. .14½- —
4 color, tanks....gal. .14 - —
250 vis., 3 color, tanks, gal. .15½- —
4 color, tanks....gal. .15 - —
280 vis., 3 color, tanks, gal. .16½- —
4 color, tanks....gal. .16 - —
300 vis., 3½ color, tanks, gal. .17 - —
350 vis., same basis..gal. .17½- —
400 vis., same basis..gal. .18 - —
500 vis., same basis..gal. .18½- —
600 vis., same basis..gal. .19 - —
15-25 pour prices are ½c. per gallon higher than zero to 10° pour.
Penn., bright, 600 cold test, 10-15 pour, tanks..gal. .16 - —
cylinder, 600 fire, tanks, gal. .11½- —
600 flash, tanks.....gal. .14 - —
630 flash, tanks.....gal. .17 - —
635 fire, tanks.....gal. .12½- —
650 fire, tanks.....gal. .13½- —
Warren, E, amber, tanks, gal. .15 - —
neutral, 150 vis., 3 color, tanks..gal. .15½- —
180 vis., 3 color, tanks..gal. .16½- —
200 vis., 2 color, tanks..gal. .17 - —
spot, Penna., bright, bbls., c.l., f.a.s..gal. .27 - .28
unfiltered, 600 s.r....bbls., f.a.s..gal. .21 - —
600 flash, s.r., bbls., c.l., gal. .23½- —
630 s.r., bbls., c.l., f.a.s. gal. .25 - —
Warren, E, bbls., c.l., f.a.s. gal. .24½- —
smaller lots, f.o.b..gal. .26½- —
Mace, dist., cns., dms.....lb. 1.20 - 1.25
Mandarin, superior, coppers..lb. 6.00 - 7.50
Menhaden, crude, tanks, f.o.b. Balto..gal. .28 - —
refd., alkali, dms.....lb. .0730- .0750
tanks .....lb. .0670- —
blown, dms.....lb. .0730- .0750
kettle-bodied, dms.....lb. .0820- .0840
light, pressed, dms.....lb. .0670- .0690
tanks .....lb. .0610- —
Mineral, white (see Oil, white mineral).
Mustard, artif., USP, cns....lb. 1.70 - 1.75
dist., natural, bots.....lb. 8.50 - 9.00
expressed, bbls.....gal. .65½- .70
Neatsfoot, 20° cold test, bbls., lb. .15¼- —
extra, bbls.....lb. .09¼- —
1, bbls.....lb. .09 - —
pure, bbls.....lb. .11¾- —
prime, bbls.....lb. .09½- —
sulphonated, common, 25% moisture, dms..lb. .10½- —
Neroli, bots.....lb. 115.00- 140.00
Nutmeg, USP, cns., dms....lb. 1.20 - 1.25
Oiticica, dms.....lb. .10 - .10¼
Oleo, 1, bbls.....lb. .09¼- —
2 bbls.....lb. .08½- —
Olibanum, bots.....lb. 5.00 - 5.25
Olive, denat., bbls.....gal. .94 - .98
edible, bbls.....gal. 1.75 - 2.00
foots, bbls.....lb. .08 - .08½
sulphonated, 50% (43% fat), dms., c.l..lb. .11½- .12
l.c.l. .....lb. .12½- .13
75% (63% fat), dms., c.l..lb. .13½- .14
l.c.l. .....lb. .14½- .15
80% (68% fat), dms., c.l..lb. .14½- .15
l.c.l. .....lb. .15½- .16
Orange sweet, dist., cs.....lb. .70 - —
expressed, African, cns., dms..lb. 1.20 - 1.25
Calif., cns.....lb. .95 - 1.25
Messina, USP, coppers.lb. 2.25 - 3.25
West India, cns.....lb. 1.95 - 2.00
Origanum, Spanish, cns.....lb. .90 - 1.60
Orris, Florentine, concrete, extra strong bots..oz. 5.25 - 5.50
Palm, Niger, dms.....lb. .04 - .04¼
shipment .....lb. .0290- —
softs, 12½%, bulk, shipt....lb. .0290- —
20%, bulk, shipt.....lb. .0270- —
Sumatra, shipt., bulk.....lb. .0300 Nom.
Palmarosa, cns.....lb. 2.05 - 2.25
Palmkernel, bulk, shipt.....lb. .0415- —
Paraffin, 320° flash, 60-70 vis., tanks, G. 3..gal. .05¼- —
330° flash, 70-80 vis., tanks, G. 3..gal. .05½- —
80-85 vis., bbls., extra, Ind. refy..gal. .12 - —
350° flash, 100-105 vis., bbls., extra, Ind. refy..gal. .14 - —
360° flash, 100-110 vis., tanks, G. 3..gal. .05¾- —
Patchouli, bots., cns.....lb. 3.75 - 8.00
Peanut, crude, dom., tanks..lb. .07½- .07⅝
refd., edible, bbls.....lb. .10 - .10¼
Pennyroyal, dom., cns.....lb. 1.40 - 1.45
import, cns. .....lb. 1.35 - 1.40
Peppermint, natural, cns., dms., lb. 2.20 - 2.45
redist., USP, cns., dms.....lb. 2.45 - 2.70
Perilla, dms.....lb. .10½- .10½
tanks .....lb. .0960- .0980
Petitgrain, Paraguay, cns....lb. 1.00 - 1.05
Pimento berry, cns.....lb. 3.65 - 7.50
leaf, cns. .....lb. 2.30 - 2.40
Pine, dest.-dist., straw-color, dms., dlvd., E. ports..gal. .52 - .55
steam-dist., dms.....gal. .59 - —
tanks .....gal. .54 - —
Pineneedle, Siberian, cns.....lb. .95 - 1.00
Putty, bbls., El Segundo, Richmond, Cal..gal. .22½- —
contracts .....gal. .19½- —
Whiting, Ind.....gal. .28 - —
dms., c.l., Bost., Provid..gal. .25 - —
l.c.l., same basis.....gal. .27 - —
tanks, same basis.....gal. .18 - —
Martinez, Cal.....gal. .28 - —
Rapeseed, blown, bbls.....lb. .14 - .14½
denat., bbls.....gal. .75 - .80
Red, dist. or saponif. bbls., dlvd..lb. .08⅝ Nom.
dms., dlvd.....lb. .08¾ Nom.
tanks, dlvd.....lb. .07½ Nom.
white, dms.....lb. .11¼ Nom.
Rose, artif., bots.....oz. 2.00 - 8.00
natural, coppers.....oz. 5.25 - 22.50
Rosemary, Spanish, cns.....lb. .56 - .75
dms. .....lb. .51 - .70
Rosin, 1st rectfd., dms.....gal. .45 - —
2d rectfd., dms.....gal. .47 - —
3d rectfd., dms.....gal. .51 - —
Rue, bots.....lb. 2.15 - 2.20
Sage, cns. .....lb. 1.30 - 35.00
Sandalwood, E.I., USP, cns..lb. 4.75 - 4.80
Sardine, crude, tanks, Pac. Cst. gal. .30 Nom.
refd., alkali, dms.....lb. .0730- .0750
tanks .....lb. .0670- —
kettle-bodied, dms.....lb. .0820- .0840
light, pressed, dms.....lb. .0670- .0690
tanks .....lb. .0610- —

Oil, sassafras, artif., cns.....lb. .37 - .38
dms. .....lb. .35 - .36
natural, cns., dms.....lb. 1.00 - 1.05
Savin, cns. .....lb. 1.65 - 1.70
Savory, cns.....lb. 2.00 - 2.25
Sesame, refd., dms.....lb. .10¼- .10⅛
Shingle stain, bbls., c.l., wks. gal. .18 - —
l.c.l., works.....gal. .21 - —
tanks, works.....gal. .14 - —
Snakeroot, Canada, cns.....lb. 9.50 -10.00
Soybean, dom., crude, dms..lb. .0730- .0770
tanks .....lb. .0670- —
refd., dms.....lb. .0830- .0870
Spearmint, USP, cns.....lb. 1.70 - 1.75
Sperm, bleach, 38°, dms.....lb. .1000- .1020
45°, dms.....lb. .0930- .0950
natural, dms.....lb. .0880- .0900
Spruce, cns., dms.....lb. 1.05 - 1.10
Sweet birch, North, cns.....lb. 2.25 - 3.50
South, cns.....lb. 1.65 - 2.00
Tall, crude, dms., c.l., works, ton.45.00- —
l.c.l., works.....ton.50.00 -65.00
tanks, works.....ton.35.00 - —
refined, dms., c.l., works...lb. .05½- —
l.c.l., works.....lb. .06 - —
tanks, works.....lb. .05 - —
Tallow, acidless, bbls.....lb. .08¾- —
tanks .....lb. .08¼- —
Tansy, cns.....lb. 5.50 - 5.75
Tar, coml, dms., c.l., dlvd., E. cities..gal. .26 - —
E. ports.....gal. .25 - —
l.c.l. .....gal. .26 - —
tanks, dlvd, E. cities...gal. .20 - —
rectfd., USP, bbls., dlvd., E. ports..gal. .50 - —
Tar acid (see T).
Teaseed, crude, dms.....lb. .08 - .08¼
Tea Tree (see Oil, ti tree).
Thyme, NF, red, dms.....lb. .85 - 1.25
white, dms. .....lb. .85 - 1.45
Ti tree, cns.....lb. 3.10 - 3.50
Tung (see Oil, chinawood).
Turkey red (see Oil, castor, sulphonated).

Oil, turpentine (see T).
Rapeseed, blown, bbls.....lb. .14½- .14¾
Turtle, cns. .....gal. 4.25 - 5.00
Valerian, bots. .....lb. 8.00 - 8.25
Vetiver, bots. .....lb. 4.35 -16.50
Walnut, crude, dms.....lb. .13 - .13½
refd., dms. .....lb. .14 - .14½
Whale, refd., natural, dms...lb. .0830- .0850
winter, bleach, dms.....lb. .0870- .0890
Wheat germ, phar., cns., dms. gal.22.50 -30.00
feedstuff, cns., dms.....gal.17.50 -25.00
White, mineral, dom., tech., 50-60 vis., dms.....gal. .42 - —
65-75 vis., dms.....gal. .44 - —
80-90 vis., dms.....gal. .45 - —
USP, 80-90 vis., dms....gal. .49 - —
95-105 vis., dms.....gal. .57 - —
125-135 vis., dms.....gal. .64½- —
140-150 vis., dms.....gal. .68 - —
175-185 vis., dms.....gal. .72½- —
200-210 vis., dms.....gal. .74½- —
320-330 vis., dms.....gal. .80½- —
335-345 vis., dms.....gal. .82 - —
Russian, 80-90 vis., dms.gal. .49 - —
145-155 vis., dms.....gal. .68 - —
175-185 vis., dms.....gal. .72½- —
235-345 vis., dms.....gal. .82 - —
Wintergreen, natural, North, cns..lb. 4.00 - 8.00
South, cns.....lb. 3.05 - 3.75
synth (see Methyl salicylate).
Wood (see Oil, chinawood).
Wormseed, cns.....lb. 2.60 - 2.65
Wormwood, cns.....lb. 2.65 - 2.70
Ylang-ylang, Bourb., bots., cns., lb. 3.50 - 6.00
Manila, bots. .....lb.18.00 -24.00
Olivine, aggregate, c.l., mines. ton. 5.00 - 8.00
Lumps, same basis.....ton. 7.00 - —
Spalls, same basis.....ton. 5.00 - —
Ground, 200 mesh, c.l., mines. ton.15.00 - —
20 mesh to dust.....ton.10.00 - —

Oil, Lub.—Orthocresol

Opium, USP, cns.....lb.11.50 -12.50
gran., cns. .....lb.12.50 -13.50
powd., cns. .....lb.12.50 -13.50
Orange, Lake, Persian, bbls....lb. .30 - .45
Mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash. Ore. and Wash....lb. .10½- —
dlvd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .11 - —
Colo., Mont., N. M., Wyo..lb. .10¾- —
Other points .....lb. .10¼- —
smaller lots, dlvd., Ala., etc..lb. .11 - —
Ariz., etc. .....lb. .11½- —
Colo., Mont., N. M., Wyo..lb. .11¼- —
Other points .....lb. .10¾- —
French, Tours, csks, ex dock. lb. .13½- —
kgs., ex dock.....lb. .14½- —
Molybdate, bbls.....lb. .31 - —
Toner, bbls.....lb. .80 - —
Orangeflower petals, cs.....lb. .33 - .35
Orange peel, bitter, bls.....lb. .08 - .09
sweet, bls. .....lb. .09 - .10
Orris root, Florentine, bgs....lb. .10 - .11
fingers, cs.....lb. .90 - .95
powd., bbls., bxs.....lb. .12 - .13
Verona, bls.....lb. .09 - .10
powd., bxs., cs.....lb. .12 - .13
Orthoanisidin, bbls.....lb. .70 - .74
Orthochloroanilin, dms.....lb. .60 - .75
Orthochlorophenol, dms.....lb. .32 - —
Orthocresol, dms., c.l., works.lb. .16¼- —
l.c.l., same basis.....lb. .17¼- —



By more than 2 to 1

AMERICA'S FAVORITE OIL OF LEMON

continues to be Exchange Brand

The World's Largest Plant Devoted Exclusively to Lemon Products

FROM rich California lemons, cold pressed and clarified, comes Exchange Brand Oil of Lemon, U.S.P.—with the flavor that pleases the American taste.

It is uniform always, in all characteristics. Nowhere in all the world is the production controlled so exactingly.

True flavor. Uniformity. Exceptional dependability. A fair price. There you have the reasons why Exchange Brand Oil of Lemon, U. S. P. is far and away America's favorite Lemon Oil.

Sold to the American market exclusively by

FRITZSCHE BROTHERS, INC.
76 NINTH AVENUE, NEW YORK CITY

DODGE & OLCOTT COMPANY
180 VARICK STREET, NEW YORK CITY

Distributors for

CALIFORNIA FRUIT GROWERS EXCHANGE
Products Department, Ontario, California
Producing Plant: EXCHANGE LEMON PRODUCTS CO., Corona, California

Copr., 1938, Products Dept., California Fruit Growers Exchange

Orthodichlor—Pet, Crude

Orthodichlorobenzene, dms., c.l., works, frt. alld E. of Rockies	lb.	.06	- —
l.c.l., same basis	lb.	.07	- —
100-lb. tins, same basis	lb.	.08	- —
50-lb. tins, same basis	lb.	.09	- —
tanks, same basis	lb.	.05½	- —
Orthodichlorobenzene prices west of Rockies 1c. per lb. higher.			
Orthonitroaniline, dms	lb.	.55	- —
Orthonitrochlorobenzene, kgs.	lb.	.18	- —
Orthonitroparachlorophenol, cns.	lb.	.75	- —
Orthonitrotoluene, dms.	lb.	.08	- —
Orthotoluenehydrochloride, dms.	lb.	.22	- —
Orthotoluene sulphonate, kgs.	lb.	2.00	- 2.05
Orthotoluidin, dms	lb.	.16	- —
Osage orange extract, cryst., bbls.,	lb.	.19	- —
liquid, 42°, bbls	lb.	.08	- —
51°, bbls	lb.	.09	- —
Oxyquinolin sulphate, cns., 100-lbs., works	lb.	3.50	- —
bots., cns., 1-50 lbs.	lb.	3.65	- 4.00

P

Papain, powd., cs	lb.	1.25	- 1.30
Paprika, Hungarian, extra fancy, bgs.	lb.	.23	- .24
medium, bgs.	lb.	.20½	- .21
Spanish, extra fancy, cs.	lb.	.31	- .32
fair, bgs.	lb.	.25½	- .26
fancy, bgs.	lb.	.30	Nom.
medium, bgs.	lb.	.28	Nom.
Para-aminoacetanilide, kgs.	lb.	.85	Nom.
Parachlorophenol, dms.	lb.	.45	- —
Paracymene, refd., dms.	gal.	.75	- 1.25
Paradichlorobenzene, dms., c.l.	lb.	.11	- .12
l.c.l.	lb.	.12½	- .15½
Paraffin, crude, scale, white, 122-124 A.m.p., bgs., c.l., Okla., refy.	lb.	.02¼	- —
bbls., c.l., N. Y.	lb.	.02¼	- —
124-126 A.m.p., bgs., c.l., Okla., refy.	lb.	.02¼	- —
bbls., c.l., N. Y.	lb.	.02¼	- —
yellow, 124-126 A.m.p., bbls., c.l., N. Y.	lb.	.02¼ Nom.	
fully refd., slabs, 123-125 A.m.p., bgs., c.l.	lb.	.04	- —
125-127 A.m.p., bgs., c.l.	lb.	.0415-	—
128-130 A.m.p., bgs., c.l.	lb.	.04¼-	—
131-133 A.m.p., bgs., c.l.	lb.	.0435-	—
133-135 A.m.p., bgs., c.l.	lb.	.05	- —
135-137 A.m.p., bgs., c.l.	lb.	.05¼	- —
138-140 A.m.p., bgs., c.l.	lb.	.06	- —
143-145 A.m.p., bgs., c.l.	lb.	.07	- —
refined paraffin prices in cases are ½c. lb. higher than bags price.			
match, A.m.p. up to and incl. 110-112 bbls., c.l.	lb.	.02½	- .02⅝
semirfd., solid, 122-124 A.m.p., bgs.	lb.	.02¼ Nom.	
Paraformaldehyde, dms., 1,000 lbs. or more shipments, f.o.b. Perth Amboy, Philadelphia, or N. Y. C.	lb.	.34	- —
100 to 900 lbs. shipments, same basis.	lb.	.35	- —
Paraldehyde, tech., 99%, 55 and 100 gal. dms., dlvd.	lb.	.16	- —
5 and 10 gal. dms., dlvd.,	lb.	.17	- —
USP, cs., cbys	lb.	.37	- .45
Paranitroanilin, kgs., works	lb.	.47	- —
Paranitrochlorobenzene, kgs.	lb.	.15	- —
Paranitrophenol, kgs.	lb.	.35	- —
Paranitrotoluene, kgs.	lb.	.35	- —
Paraphenylenediamine, bbls.	lb.	1.25	- 1.30
Paratoluenesulphonamide, bbls.	lb.	.70	- —
Paratoluidin, bbls.	lb.	.56	- —
Pareira brava root, bls.	lb.	.15	- .18
Paris green, dealer, dms., bbls., c.l., f.o.b. works frt. alld.,	lb.	.23	- .25
less car lot, same basis	lb.	.24	- .26
Passion flower herb, bls.	lb.	.07	- .07½
Patchouli leaves, bls.	lb.	.18	- .20
Pellitory root, bls.	lb.	.16	- .17
Pennyroyal herb, bls.	lb.	.07	- .08
leaves, bls.	lb.	.14	- .15
Pentanes norm., 28-38°, dms., c.l., G.3.	gal.	.11½	- —
l.c.l., G.3	gal.	.16	- —
tanks, G.3	gal.	.08½	- —
laboratory grade, dms., c.l., G.3.	gal.	.14	- —
l.c.l., G.3	gal.	.25	- —
Pepper, black, Alleppy, bgs.	lb.	.08	- .08¼
Lampong, bgs.	lb.	.05⅝	- .05½
Tellicherry, bgs.	lb.	.08¼	- .08½
Red, chillies, Japan, 1, bgs.	lb.	.20	- .20½
Mombassa, bgs.	lb.	.21	Nom.
White, Java, Muntok, bgs.	lb.	.08¼	- .08½
Saigon, bgs.	lb.	.08	- .08¼
Peppermint leaves, dom., bls.	lb.	.28	- .29
import, bls.	lb.	.45	- .48
Peru, balsam, dms.	lb.	.65	- .70
Petrolatum, amber, bbls., c.l.,	lb.	.02¾	- .02¾
l.c.l.	lb.	.03¼	- —
extra, bbls.	lb.	.02⅞	- .03
l.c.l.	lb.	.04½	- —
cream (see white, cream)			
green (see red)			
Petrolatum, red, veterinary, bbls., c.l.	lb.	.02½	- —
white, cream, bbls., c.l.	lb.	.04¼	- —
l.c.l.	lb.	.06½	- —
lily, bbls., c.l.	lb.	.05¼	- —
l.c.l.	lb.	.07½	- —
snow, bbls., c.l.	lb.	.06¼	- —
l.c.l.	lb.	.08¼	- —
Petroleum, crude, bulk, at wells:—			
California:—			
Alamitos Heights	bbl.	.74	- .95
Athens	bbl.	.84	- 1.66
Belridge	bbl.	.70	- 1.32
Petroleum, crude, bulk, at wells, California:—			
Buena Vista Hills	bbl.	.70	- 1.38
Canal-Greely	bbl.	.91	- 1.68
Coalinga	bbl.	.70	- .90
Coyote Hills (West)	bbl.	.78	- 1.32
Dominguez	bbl.	.79	- 1.00
East Coyote	bbl.	.76	- .96
Elk Hills	bbl.	.70	- 1.38
Elwood Terrace, f.o.b. ship.,	bbl.	1.28	- 1.43
El Segundo	bbl.	.80	- 1.21
Huntington Beach	bbl.	.78	- 1.22
Inglewood	bbl.	.79	- 1.27
Kern Front	bbl.	.70	- —
Kern River	bbl.	.70	- —
Kettleman Hills	bbl.	1.19	- 1.43
La Habra	bbl.	.76	- .96
Lakeview	bbl.	.70	- 1.36
Lost Hills	bbl.	.70	- 1.18
McKittrick	bbl.	.70	- —
Midway - Sunset (except Lakeview)	bbl.	.70	- 1.38
Montebello	bbl.	.77	- 1.43
Mt. Poso	bbl.	.70	- —
Mountain View	bbl.	.70	- 1.20
Newhall	bbl.	.70	- —
Orcutt	bbl.	.70	- .93
Olinda Brea	bbl.	.76	- 1.27
Playa del Rey, f.o.b. pipe-line	bbl.	.80	- 1.16
Richfield	bbl.	.76	- 1.09
Rosecrans	bbl.	.84	- 1.66
Round Mt.	bbl.	.70	- —
Santa Fe Springs	bbl.	.78	- 1.42
Santa Paula	bbl.	.70	- 1.01
Seal Beach	bbl.	.79	- 1.19
Signal Hill	bbl.	.80	- 1.21
Torrence	bbl.	.80	- 1.05
Wheeler Ridge	bbl.	.70	- .83
Whittier	bbl.	.76	- .96
Wilmington	bbl.	.75	- 1.21
Canada:—			
Oil Springs	bbl.	2.17	- —
Petrolia	bbl.	2.10	- —
Central West:—			
Illinois	bbl.	1.35	- —
Lima	bbl.	1.25	- —
Midland (Mich.)	bbl.	1.12	- —
Princeton	bbl.	1.35	- —
East Texas	bbl.	1.35	- —
Gulf Coast:—			
Barber's Hill	bbl.	.95	- 1.41
Batson	bbl.	.95	- 1.41
Dayton	bbl.	.95	- 1.41
Esperson	bbl.	.95	- 1.41
Goose Creek	bbl.	.95	- 1.41
Hull	bbl.	.95	- 1.41
Humble	bbl.	.90	- 1.41
Liberty	bbl.	.90	- 1.41
Markham	bbl.	.90	- 1.29
Orange	bbl.	.95	- 1.41
Pettus	bbl.	1.37	- —
Pierce Junction	bbl.	.95	- 1.41
Refugio (incl. Greta, Taft, Saxet)	bbl.	1.01	- 1.17
Saratoga	bbl.	.95	- 1.41
Sour Lake	bbl.	.90	- 1.41
Spindle Top	bbl.	.95	- 1.41
Sugarland	bbl.	.95	- 1.41
West Columbia	bbl.	.95	- 1.41
Kentucky, Tennessee:—			
Big Sandy river	bbl.	1.42	- —
Kentucky river	bbl.	1.50	- —
Western Kentucky (Owensboro)	bbl.	1.30	- —
Louisiana, Arkansas:—			
Bull Bayou	bbl.	.90	- 1.22
Caddo	bbl.	.90	- 1.22
Cameron Meadows	bbl.	.90	- 1.30
Choctaw	bbl.	.90	- 1.30
Cotton Valley	bbl.	.90	- 1.22
Darrow	bbl.	.90	- 1.30
De Soto	bbl.	.90	- 1.22
El Dorado	bbl.	.90	- 1.22
Haynesville	bbl.	.90	- 1.22
Homer	bbl.	.90	- 1.22
Iowa	bbl.	.90	- 1.30
Lockport	bbl.	.90	- 1.30
Miller County	bbl.	.90	- 1.22
Pine Island	bbl.	.90	- 1.22
Rainbow	bbl.	.90	- 1.22
Rodessa	bbl.	.90	- 1.22
Smackover	bbl.	.90	- —
Tepetate	bbl.	1.24	- —
Urania	bbl.	1.02	- —
Mexico, f.o.b. terminals Mexican ports—based on contract:—			
Panuco	bbl.	1.05	Nom.
Tax, 14.175c. per bbl.			
Tuxpan	bbl.	No prices	
Tax, 23.070c. per bbl.			
Midcontinent:—			
North Texas	bbl.	.96	- 1.20
Oklahoma-Kansas	bbl.	.93	- .130
Altus, Tipton (Okla.),	bbl.	.96	- 1.20
Pennsylvania, Ohio West Virginia:—			
Bradford-Allegany	bbl.	1.80	- —
Corning	bbl.	1.17	- —
Pennsylvania grade, in Buckeye lines.	bbl.	1.30	- —
Eureka lines.	bbl.	1.40	- —
N. Y. Transit lines.	bbl.	1.80	- —
S. W. Penn. lines.	bbl.	1.46	- —
lower district in National Transit lines.	bbl.	1.68	- 1.73
Rocky Mountain:—			
Big Muddy	bbl.	1.18	- 1.23
Canon City-Florence	bbl.	1.10	- —
Cat Creek	bbl.	1.40	- —
Dutton Creek	bbl.	1.06	- 1.30
Elk Basin	bbl.	1.05	- —
Fort Collins-Wellington,	bbl.	1.01	- 1.26
Frannie, light	bbl.	.65	- —
Grass Creek, light	bbl.	1.05	- —
Greybull	bbl.	1.30	- —
Iles	bbl.	1.12	- 1.18
Lance Creek	bbl.	.97	- —
Lander	bbl.	.51¼	- —
Midway	bbl.	1.00	- 1.30
Rock Creek	bbl.	1.20½	- —
Salt Creek	bbl.	1.06	- 1.30
Sunburst	bbl.	1.20	- —
Torchlight	bbl.	1.30	- —
South, Central and Southwestern Texas:—			
Cass County	bbl.	.98	- 1.28
Cleveland-Liberty	bbl.	1.27	- —
Conroe	bbl.	1.20	- 1.44
Darst Creek	bbl.	1.09	- —
Hardin-Liberty	bbl.	1.15	- —
Luling	bbl.	1.00	- —
Lytton Springs	bbl.	1.12	- —
Mirando (incl. Duval)	bbl.	.94	- 1.30
Panola County	bbl.	.93	- 1.25
Salt Flat	bbl.	1.09	- —
Tomball	bbl.	1.20	- 1.44
West Beaumont	bbl.	.95	- 1.29
Van	bbl.	1.10	- —
Texas Panhandle:—			
Carson-Hutchinson counties,	bbl.	.91	- 1.03
Gray County	bbl.	.96	- 1.08
West Texas:—			
Artesia, N. M.	bbl.	.90	- —
Crane	bbl.	.78	- 1.08
Crockett	bbl.	.78	- 1.08
Ector	bbl.	.78	- 1.08
Eddy (N. M.)	bbl.	.90	- —
Hogback	bbl.	1.33	- —
Howard	bbl.	.78	- 1.08
Jackson, N. M.	bbl.	.90	- —
Lea, N. M.	bbl.	.78	- 1.08
Maljamar, N. M.	bbl.	.90	- —
Mitchell	bbl.	.78	- 1.08
Pecos	bbl.	.91	- —
Upton	bbl.	.78	- 1.08
Winkler	bbl.	.78	- 1.08

5 Advantages of SKELLYSOLVE AS a Lacquer Diluent

by A. ERNEST MACGEE

Manager Skellysolve Division, Skelly Oil Company

IN working with our friends in the paint, lacquer and varnish industry to provide solvents that fit their needs exactly, we've found five big advantages in the Skellysolve line—all important to you.

The first advantage is *uniformity*. You can depend on Skellysolve being the same month after month. There is no need to change formulas with each shipment when you rely on Skellysolve, so you save trouble and money.

The second advantage is—*no greasy residues*. Drying is complete and rapid, with minimum gum formation. Advantage number three is—*close boiling ranges*, some as low as 15° F. from initial to dry flask end point. Skellysolve's close boiling ranges remain constant, in storage and in formulas, and tendency to fractionate is cut to the minimum. Advantage number four is—*low evaporation losses*. This saves you money, reduces fire hazard and tendency to blush.

And advantage number five is Skellysolve's *uninterrupted supply*. We have the raw materials. We're in the business to stay. You can count on getting Skellysolve for years to come, and we've seen how important that is when we've rushed to the rescue of people whose source of supply has failed them.

You see, Skelly pioneered in the development of dependable, uniform, special naphthas. And we're still pioneering in close cuts, constant uniformity, rigid quality-control. So, whatever type or price of solvent you need, I'm sure it'll pay you to give us a call.

Write or wire for information or prices without delay

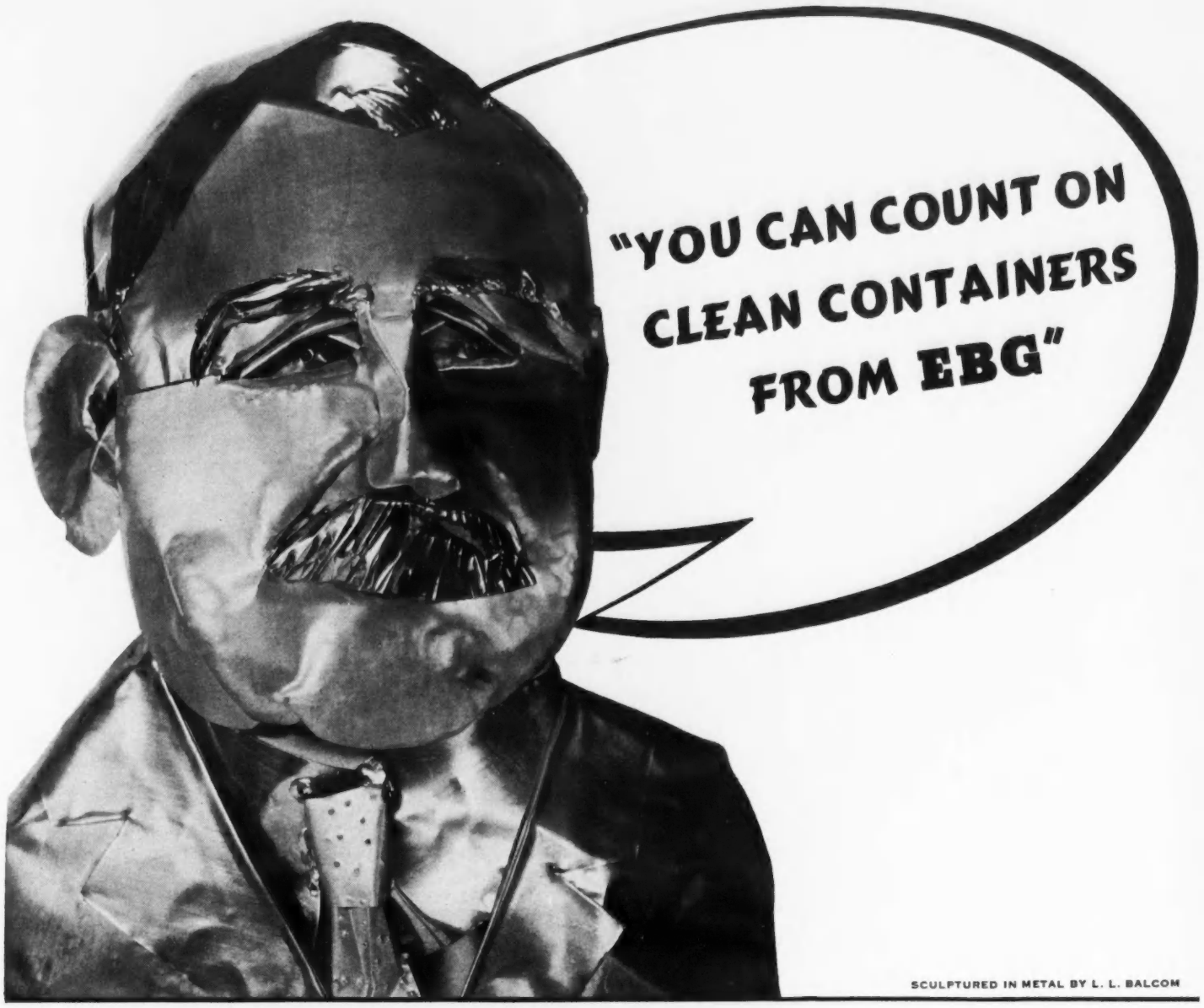
SKELLYSOLVE

Skellysolve is shipped to you in cars used for no other purpose. This prevents any possibility of contamination or mixture with other materials

SOLVENTS DIVISION

Skelly Oil Co., 121 W. Wacker Drive

CHICAGO



● Pure Liquid Chlorine stays pure only when containers are kept immaculately clean and in peak operating condition. That's why EBG has perfected a military-strict system of steaming, washing, air-drying, reconditioning and inspecting all cylinders, drums and tank cars. It is just one of the many precautions we take to assure you a uniform flow of pure gas at all times and a maximum return on your Liquid Chlorine investment.

ELECTRO BLEACHING GAS COMPANY

MAIN OFFICE: 60 EAST 42nd STREET, NEW YORK, N. Y. • PLANT: NIAGARA FALLS, N. Y.

EBG Liquid Chlorine

FIRST IN THE COUNTRY

"No wonder he fainted. It's a check from Penny-pincher & Tightfist. They say they can afford to pay up now — with the money they save in smoother production through the use of Niagara

Niagara
ALKALI COMPANY
50 EAST 42nd STREET, NEW YORK, N. Y.
Affiliated with Electro Bleaching Gas Co.
Pioneer Manufacturer of Liquid Chlorine

Carbonate of Potash"

P.S. You'll find real economy in the use of Niagara Caustic Soda and Caustic Potash, too.

Petroleum, ether, 30-60°, dms., c.l., G. 3..gal. .14 - —
l.c.l., G. 3.....gal. .25 - —
tanks, G.3 .....gal. .13 - —
35-60°, dms., l.c.l., G.3....gal. .30 - —
40-75°, dms., c.l., G.3....gal. .14 - —
l.c.l., G.3.....gal. .25 - —
tanks, G.3.....gal. .13 - —
laboratory grade, dms., c.l., G.3..gal. .14 - —
c.l., G.3.....gal. .25 - —
10-gal. lots, G.3.....gal. .50 - —
Lacquer, diluent, at refinery:—
California 60, 100 i.b.p., 200 e.p., tanks, delvd. Los Angeles..gal. .11 - —
San Francisco..gal. .11½- —
f.o.b. Richmond..gal. .11½- —
Willbridge, Ore.; Pt. Wells, Wash..gal. .12 - —
East Coast, tanks....gal. .12 - .12¼
Group 3, tanks.....gal. .07⅜- —
Naphtha, cleaners', at refinery:—
East Coast, tanks....gal. .10 - —
Group 3, tanks.....gal. .06⅜- —
tankwagon, Boston, ex tax, gal. .13 - —
Bridgeport .....gal. .13½- —
Chicago, inc. 4c. tax..gal. .17½- —
Decatur, inc. 4c tax..gal. .194 - —
Des Moines, inc. 4c. tax.gal. .192 - —
Evansville, inc. ex tax.gal. .14½- .15½
Milwaukee, inc. 5c. tax, gal. .206 - —
Minneapolis-St. Paul, inc. 5c. tax..gal. .208 - —
Newark, ex tax.....gal. .12 - —
New York, ex tax.....gal. .12 - —
Omaha, ex tax.....gal. .144 - .154
Oklahoma City, ex tax.gal. .16 - —
Philadelphia, ex tax...gal. .11½- —
St. Louis, inc. 1c. tax.gal. .15 - —
Syracuse, 150 gals.....gal. .14 - —
smaller lots, galv. drums, gal. .16 - —
milk cans.....gal. .21 - —
high-solvency aromatic, No. 1, over 70% arom., tanks, f.o.b. Bayway..gal. .16 - —
2, over 90% arom., same basis..gal. .18 - —
3, tanks, f.o.b. Bayway..gal. .18 - —
8, tanks, f.o.b. Paulsboro, N. J..gal. .14 - —
30, same basis.....gal. .16 - —
40, same basis.....gal. .14½- —
V. m. & p., at refinery:—
California, 46.5, 254 i.b.p., 380 e.p., tanks, f.o.b. El Segundo..gal. .11 - —
Richmond..gal. .11½- —
Willbridge, Ore., Pt. Wells, Wash..gal. .12 - —
54-57, 190 i.b.p., 310 e.p. tanks, dlvd. Los Angeles..gal. .10 - —
San Francisco..gal. .10¼- —
Portland, Seattle..gal. .11 - —
East Coast, tanks.....gal. .10 - —
Group 3, tanks.....gal. .06⅜- —
tankwagon, Boston, ex tax gal. .13 - .14
Chicago, inc. 4c. tax..gal. .16½- —
Decatur, inc. 4c. tax..gal. .194 - —
Des Moines, inc. 4c. tax.gal. .192 - —
Evansville, Ind., ex tax.gal. .147 - .157
Milwaukee, inc. 5c. tax.gal. .206 - —
Minneapolis-St. Paul, inc. 5c. tax..gal. .208 —
Newark, ex tax.....gal. .12½- —
New York, ex tax.....gal. .11 - —
Omaha, ex tax.....gal. .144 - .154
Philadelphia, ex tax...gal. .12½- —
St. Louis, inc. 1c. tax.gal. .16 - —
Solvent, rubber, at refinery, East Coast, tanks..gal. .09½- .10
Group 3, light, 120 i.b.p., 250 e.p., tanks..gal. .06⅜- —
standard, 180 i.b.p., 288 e.p., tanks..gal. .06⅜- —
Stoddard (CS 3-53), at refinery:—
East Coast, tanks.....gal. .10 - —
Group 3, tanks.....gal. .05⅜- —
tankwagon, Boston, ex tax, gal. .12½- .13½
Chicago, inc. 4c. tax..gal. .159 - —
Decatur, inc. 4c. tax..gal. .184 - —
Des Moines, inc. 4c. tax.gal. .182 - —
Evansville, Ind., ex tax.gal. .135 - .145
Milwaukee, inc. 5c. tax, gal. .196 - —
Minneapolis-St. Paul, inc. 5c. tax..gal. .177 - —
Newark, ex tax.....gal. .09½- .11½
New Orleans, ex tax..gal. .11 - —
New York, ex tax.....gal. .09½- .11½
Omaha .....gal. .131 - .14
Philadelphia, ex tax...gal. .10½- .12½
St. Louis, inc. 1c. tax.gal. .139 - —
Tulsa, ex tax .....gal. .10 - .11
Thinner, at refinery:—
California, 34, 325 i.b.p., 390 e.p., low anilin, tanks f.o.b. Los Angeles....gal. .14 - —
Portland, Ore.....gal. .15 - —
Richmond .....gal. .13½- —
Seattle, Wash....gal. .15½- —
44, 311 i.b.p., 385 e.p., tanks, f.o.b. Point Wells, Wash.; Willbridge, Ore., gal. .10½- —
Richmond .....gal. .10 - —
Southern Calif....gal. .09½- —
56, 200 i.b.p., 300 e.p., tanks, f.o.b. El Segundo..gal. .11 - —
Portland, Ore....gal. .12 - —
Richmond .....gal. .11½- —
Seattle, Wash....gal. .12 - —
East Coast, 43-47, tanks.gal. .09½- .10
47-49, tanks.....gal. .09½- .10
New Jersey, tanks...gal. .09 - —
Group 3, tanks.....gal. .05⅜- —
tankwagon, tax included:—
Albany .....gal. .13 - —
Baltimore (100 gals.)..gal. .12½- .15½
25-99 gals. .....gal. .13½- .15½
Boston .....gal. .12½- .13½
Bound Brook, North Amboy, N. J..gal. .11½- .12½
Bridgeport, Conn.....gal. .11½- —
Buffalo .....gal. .12½- —
Camden, N. J.....gal. .10 - .12
Chicago .....gal. .162 - —
Decatur, Ill.....gal. .184 - —
Des Moines.....gal. .182 - —
Evansville, Ind. .....gal. .137 - .147
Milwaukee .....gal. .196 - —
Minneapolis-St. Paul...gal. .198 - —
Newark .....gal. .09½- —
New York (200 gals.)..gal. .09½- .11
Omaha .....gal. .131 - .141
Philadelphia .....gal. .10 - —
Pittsburgh .....gal. .12 - .14
Providence .....gal. .12½- .13½
Rochester .....gal. .15 - —
St. Louis.....gal. .14 - —
Syracuse .....gal. .11½- .14
Trenton .....gal. .11½- .13½
Wilmington, Del. ....gal. .11½- .13½
Phenobarbital, bots., 5 lbs....lb. 4.35 - —
bots. or cns., spot or contract, 100 lbs..lb. 4.00 - —
cns., 25 lbs.....lb. 4.25 - —
Phenol, USP, dms., c.l., works, frt. equald..lb. .14½- .15½
l.c.l., same basis.....lb. .15½- .16¼
under 1,000 lbs.....lb. .16½- .17¼
tanks, works.....lb. .12½- —
Phenolphthalein, USP, bbls., dms. 2,000-lb. lots..lb. .85 - —
bbls., dms., kegs, 100-250 lbs. lb. .87 - .89
Phenolphthalein, yellow, fib., dms., 2,000-lb. lots..lb. .89 - —
100-lb. fib., dms.....lb. .82 - —
25-lb. dms.....lb. .87 - —
50-lb. kgs.....lb. .84 - —
Phenyl chloride, dms.....lb. .17 - —
Phenylacetaldehyde, bots.....lb. 2.25 - 3.50
Dimethylacetate, cns.....lb. 14.50 - 15.00
Phenylethylphenyl acetate, bots., lb. 7.90 - 15.50
Phenylhydrazine base, CP, bots., lb. 4.00 - —
Hydrochloride, CP, bots., works..lb. 4.00 - —
commercial, kgs., works...lb. 1.50 - —
pure, bbls., works.....lb. 2.25 - —
Phlorogiucinol, CP, tins, works.lb. 20.00 - 22.00
tech., tins, works.....lb. 15.00 - 16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 76% min., bulk, mines..long ton. 4.35 - —
land pebble, 68% min., bulk, mines..long ton. 1.85 - —
70% min., bulk, mines, long ton. 2.35 - —
72% min., bulk, mines, long ton. 2.85 - —
75% basis, 74% min., bulk mines..long ton. 3.85 - —
Tenn., 72% bulk, mines, long ton. 4.50 - —
75%, bulk, mines..long ton. 5.50 - —
Phosphorus, red, cs. .....lb. .40 - .44
Yellow, cs. .....lb. .24 - .30
Phosphorous, oxychloride, cyls.lb. .15 - .18
Sesquisulphide, cs.....lb. .38 - .42
Trichloride, cyls.....lb. .15 - .18
Phthalamide, bbls., tons.....lb. .35 - —
single bbls.....lb. .40 - —
kgs. .....lb. .45 - .50
Phthalic anhydride, bbls., c.l., works, frt. alld. E. of Miss. R..lb. .14½- —
l.c.l., same basis.....lb. .15½- —
Pichi leaves, bgs.....lb. .10 - .12
Pilocarpine hydrochloride, bots., vls..oz. 2.40 - 2.50
Nitrate, bots., vls.....oz. 2.90 - 3.09
Pimento, bgs. .....lb. .16 - .16¼
Pinkroot, bls. .....lb. .35 - .36
Pitch, Burgundy (see B)
Coaltar, 160° m.p., bbls., c.l., works..ton. 19.00 - —
l.c.l. .....ton. 22.00 - —
hardwood, 1-time, dm., c.l., dlvd. Akron..ton. 23.75 - 24.00
linseed, dms. .....lb. .06 - .05¼
Petroleum (see Asphaltum, Mexican, Texas)
Pine, bbls. .....lb. 6.00 - 6.25
Plaster of paris (see Gypsum).
Pleurisy root, bls. .....lb. .11 - .12
Podophyllin, dms. .....lb. 5.00 - 5.25
Poke root, bls. .....lb. .07½- .08
Pomegranate bark, bgs.....lb. .16 - .17
Root bark, bgs.....lb. .35 - .36
Poppy flowers, red, bls.....lb. .75 - .85
Seed, Dutch, bgs.....lb. .09⅜- .10¼
Polish, bgs. .....lb. .09⅜ Nom.
Potash abietate .....lb. .08 - —
Acetate, tech., bbls., dlvd..lb. .26 - —
kgs., dlvd. .....lb. .28 - —
USP, bbls., 250 lbs.....lb. .28 - —
kgs., 100 lbs. .....lb. .30 - —
cns., 25 lbs. .....lb. .33 - —
Arsenite, USP, solut., cbys., 100 lbs..lb. .11 - —
demj., 50 lbs. .....lb. .12 - —
Bicarbonate, USP, cryst., bbls. 300 lbs. .15 - —
kgs., 100 lbs.....lb. .17 - —
gran., bbls., 250 lbs.....lb. .15 - —
kgs., 100 lbs.....lb. .17 - —
Bichromate, spot, c.l., works.lb. .08½- —
6 casks or 10 bbls., or over, works..lb. .09 - —
5 casks or 9 bbls., or less, works..lb. .09¼- —
Binoxalate, dms.....lb. .23 - —
Bisulphate, kgs.....lb. .14 - .18
Bromide, USP., gran., bbls., 500 lbs..lb. .31 - —
fib., dms., 100 lbs.....lb. .32 - —
Carbonate, calc., dms., c.l., works..lb. .05½- —
l.c.l., same basis.....lb. .05¾- —
hydrated, 83-85%, bbls., c.l., works..lb. .05½- —
l.c.l., same basis.....lb. .05¾- —
liquid, dms., c.l., dlvd.....lb. .03 - —
l.c.l., dms.....lb. .03½- —
tanks, dlvd.....lb. .0287½- —
USP, gran., bbls., 325 lbs., lb. .14 - —
powd., bbls., 325 lbs.....lb. .19 - —
kgs., 100 lbs.....lb. .21 - —
Caustic, flake, 88-92%, dom., dms., c.l., works..lb. .07 - —
l.c.l. .....lb. .07¼- .07½
Import, dms.....lb. .07 - .07½
liquid, 45% basis, dms.....lb. .03¼- .03½
tanks .....lb. .02¾- —
solid, 88-92%, dom., dms., c.l., works..lb. .06¼- —
l.c.l. .....lb. .06½- .06¾
import, csks.....lb. .06¼- .06¾
Chlorate, cryst., kgs.....lb. .09¼- .09¾
gran., kgs.....lb. .12 - .13
powd., kgs.....lb. .08½- .09
Chloride, tech., 98%, cryst., bgs., kgs..lb. .04 - .06
Chromate, kgs.....lb. .24 - .27
Citrate, USP, gran., bbls., 250 lbs..lb. .33½- —
kgs., 100 lbs.....lb. .34½- —
cns., 50 lbs.....lb. .35½- —
cns., 25 lbs.....lb. .37½- .38¼
Cyanide, cns., dms.....lb. .50 - .55
Glycerophosphate, 75%, sol., dms., 1,000-lb. lots..lb. .90 - —
100-lb. lots.....lb. 1.00 - —
50-lb. lots, cbys. or cns. lb. 1.05 - —
25-lb. lots, cns.....lb. 1.15 - —
Guiaiacolsulphonate, fib., dms.. 100 lbs. 1.65 - —
cns., 25 lbs.....lb. 1.75 - —
Hydroxide, USP, sticks, cns... 100 lbs. .30½- .32
Hypophosphite, cns., 100 lbs., lb. .72 - —
25 to 50 lbs.....lb. .75 - —
Iodate, bots., 5 lbs.....lb. 3.31 - 3.35
cns., 25 lbs.....lb. 3.20 - —
Iodide, bbls., 250 lbs.....lb. 1.13 - —
bots., or cns.....lb. 1.22 - 1.48
dms. .....lb. 1.13 - 1.16
Kainit, 20% K_2O, bulk, c.i.f., ports..ton. 12.25 - —

Prices for potash kainit, manure salts, muriate, sulphate and potash magnesia sulphate for July 1938-May 1939 are subject to discount according to the time orders are placed and the time of delivery. See fertilizer market report for particulars.

Manure salt, dom., run of mine, approx. 30%, K_2O, bulk, c.i.f. ports, unit-ton. .58½- —
Import, 30%, K_2O, bulk, shipt. unit-ton. .58½- —
Metabisulphite, kgs.....lb. .12 - .13½
Muriate, dom., all strengths, min., 50% K_2O bulk, unit-ton. .53¼- —
Potash, muriate, import, all strength, min. 80% KCl, basis 50% K_2O, bulk, c.i.f. ports.. unit-ton. .53½- —

Potash muriate prices in bags are $2 per ton higher than bulk price.

Oxalate, pure, cryst., kgs..lb. .30 - .31
tech., bbls.....lb. .25 - .26
Nitrate, crude, bgs., c.i.f. ports. ton. 55.00 Nom.
Perchlorate, kgs., works....lb. .09 - .10½
Permanganate, tech., dms...lb. .18½- .19
Prussiate, red, bbls. .....lb. .32 - .34
Yellow, bbls. .....lb. .15 - .16
Ricinoleate, tech., bbls.....lb. .13 - —
Silicate alkaline, lump, bgs., lb. .07 - —
Sulphate, NF, cryst., bbls., 400 lbs..lb. .13 - —
kgs., 100 lbs.....lb. .15 - —
powd., bbls., 350 lbs.....lb. .14 - —
kgs., 100 lbs.....lb. .16 - —
tech., 90-95%, min. 90%, bgs., shipt., c.i.f. ports..ton. 38.00 - —
l.c.l. .....lb. .13½- —
Xanthate, dms., c.l.....lb. .13 - —
Potash-magnesia sulphate, 48-53%, min. 48%, bgs., shipt. ton. 25.75 - —
Potash-titanium oxalate, kgs...lb. .35 - .40
Prickly ash bark, bls.....lb. .11 - .12
Berries, bls.....lb. .15 - .16
Prince's pine herb, bls.....lb. .21 - .22
Propane, tanks, G.3.....gal. .03 - —
Psyllium seed (see Fleaseed).
Pulsatilla, bls. .....lb. .17 - .18
Pumice stone, Italian, Amer., grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works..lb. .03 - —
less than 3, works..lb. .03½- —
F and 1, bbls., 3 or over, works..lb. .03½- —
less than 3, works..lb. .04 - —
O, O-½, O-¾, and ½, bbls., less than 3, works..lb. .04½- —
3 or over, works..lb. .04 - —
Ital.-grd., bgs., c.l., shipt. ex dock, N.Y..ton. 32.85 Nom.
l.c.l., 5-20 tons, ex whse., ton. 37.70 - —
1,000-10,000 lbs., ex whse..ton. 38.70 - —
2 bgs. to 1,000 lbs., ex whse..ton. 40.70 - —
single bgs., ex whse.ton. 45.70 - —
Pumpkin seed, bgs.....lb. .10 - .12
Purple lake (see Red).
Putty, com'l, dms.....100 lbs. 3.00 - —
linseed oil, raw, dms....100 lbs. 4.50 - —
refined, dms.....100 lbs. 5.00 - —
standard, dms.....100 lbs. 3.95 - —
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrins (Seil test) 55-gal. dms. (incl.) frt. alld. E. of Rockies, standard brand..gal. 6.40 - 6.75
basis (30 to 1) 3.6% pyrethrins 55-gal. dms.. (incl.) frt. alld. E. of Rockies, standard brand..gal. 9.60 - 9.95
Pyrethrum, flowers, coarse, grnd. (g.d.p.), Japan, bgs., frt. alld., 15 tons or over..lb. .23¾- —
fine powd. Japan, bbls., ton lots, frt. alld..lb. .25½- —
Pyridin, denaturing, dms.....gal. 1.53 - —
refd., 2°, dms. .....lb. .45 - —
Pyrites, Spanish, bulk, c.i.f. Atl. ports..unit-ton. .12-13 Nom.
Pyrocatechin, CP, cryst., works, fib, dms, tins..lb. 2.15 - 2.40
resublimed, fib. dms., tins..lb. 4.60 - —
Pyrophyllite, standard, 200 mesh, c.l. mines..ton. 9.00 - —
325 mesh, same basis.....ton. 12.00 - —
No. 3, 200 mesh, c.l. mines.ton. 7.50 - —
325 mesh, same basis.....ton. 10.50 - —
Pyroxylin, scrap, amber, cs., works..lb. .15 - —
black, cs., works.....lb. .10 - —
China white, ivory, cs., works..lb. .16 - —
dense white, cs., works..lb. .12 - —
gray, cs., works.....lb. .10 - —
mixed, mottles, opaque, cs., works..lb. .04 - —
shell-demi, cs., works....lb. .12 - —
translucent pastels, cs., works..lb. .10 - —
transparent, cs., works...lb. .20 - —
colors, cs., works.....lb. .12 - —
shavings, amber, cs., works..lb. .16 - —
colors, mixed, cs., works.lb. .10 - —
white, cs., works.....lb. .15 - —

Q

Quassia, chips, bls.....lb. .05 - .06
Quebracho extract, liquid, 35% tan., bbls., works..lb. .03¾- —
tanks, works.....lb. .02⅝- —
solid, 63%, bgs, c.l., ex dock, plus duty..lb. .04 - —
clarified, 64%, bgs., c.l., same basis..lb. .04¼- —
Queen of the meadow leaves, bgs..lb. .07 - .08
Root, bgs.....lb. .09 - .10
Quercitron, extract, liquid, 51°, bbls..lb. .07½- .08¼
solid, dms.....lb. .10 - .15½
Quicksilver, dom., flasks (76 lbs. net), dlvd., N.Y..flask. 80.00 - 83.50
Quince seed, bgs.....lb. .85 - 1.50
Quinidine, cryst., small cns...oz. .96 - —
large, cns.....oz. .98 - —
powd., precip., cans.....oz. .91 - —
Sulphate, cns.....oz. .67 - —
Quinine, 100 ozs., cns.....oz. .76 - —
Acetate, cns.....oz. .99 - —
Arsenate, cns.....oz. .99 - —
Arsenite, cns.....oz. 1.01 - —
Bisulphate, cns..... ... -oz. .54 - —
Citrate, cns.....oz. .72 - —
Dihydrobromide, bots.....oz. .75 - —
Dihydrochloride, bots.....oz. .75 - —
Ethylcarbonate, cns.....oz. .75 - —
Ferrocyanide, cns.....oz. 1.01 - —
Formate, cns.....oz. .94 - —
Glycerophosphate, cns.....oz. 1.14 - —
Hydrochloride, cns.....nz. .68 Nom.
Hydrochlorosulphate, cns....oz. .75 - —
Hydroiodide, cns.....oz. .99 - —
Hypophosphite, cns.....oz. .99 - —
Phosphate, cns.....oz. .82 - —
Salicylate, cns.....oz. .73 - —
Sulphate, U.S.P. X, cns.....oz. .54 - —
U.S.P. XI, cns.....oz. .61 - —
Sulphocarbolate, cns.....oz. .97 - —
Tannate, cns.....oz. .57 - —
Tartrate, cns.....oz. .97 - —
Valerate, cns.....oz. .93 - —
Quinine-urea hydrochloride cns.nz. .75 - —

R

R. salt, dry, bbls.....lb. .55 - —
paste, dms.....lb. .52 - —
Rapeseed, Belgian, bgs.....lb. .06½- .07
Dutch, bgs.....lb. .06½- .07
Japanese, bgs. .....lb. .06 - .06½

Petrolatum—Rosin

Raspberries, dried, bls.....lb. .50 - .55
Red, alizarin lake, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. 1.10 - 1.90

Red, Alizarin lake prices are ½c. higher dlvd. Ala., Fla., Ga., Ia. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld..lb. .85 - —
smaller lots, same basis, lb. .90 - —
kgs., ton lots, same basis, lb. .90 - —
smaller lots, same basis, lb. .95 - —
light shade, bbls., ton lots, same basis..lb. .70 - —
smaller lots, same basis, lb. .75 - —
kgs., ton lots, same basis, lb. .75 - —
smaller lots, same basis, lb. .80 - —
light-medium shade, bbls., ton lots, same basis..lb. .75 - —
smaller lots, same basis, lb. .80 - —
kgs., ton lots, same basis, lb. .80 - —
smaller lots, same basis, lb. .85 - —
maroon shade, bbls., ton lots, same basis..lb. .95 - —
smaller lots, same basis, lb. 1.00 - —
kgs., ton lots, same basis, lb. 1.00 - —
smaller lots, same basis, lb. 1.05 - —
medium shade, bbls., ton lots, same basis..lb. .80 - —
small lots, same basis, lb. .85 - —
kgs., ton lots, same basis, lb. .85 - —
smaller lots, same basis, lb. .90 - —
selenide, bbls., dark, works.lb. 2.50 - —
light, works.....lb. 2.25 - —
Orange, bbls., 100-lb. lots, works..lb. 1.50 - —
Carmine, 40 1-lb. cns., 500 lbs. lb. 4.15 - —
dms., 500 lb. lots.....lb. 4.00 - —
100 lb. lots.....lb. 4.10 - —
Crocus martis (see Red, purple oxide.)
Eosin toner, bbls.....lb. 1.50 - 1.60
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y..lb. .08¾- —
80%-85%, bbls., same basis..lb. .07¼- —
Iron oxide (see Red, oxide).
Lake C toner, bbls., same basis alizarin lake, contracts.lb. 1.25 - —
open order.....lb. 1.30 - —
Lithol toner, bbls., same basis, alizarin lake, contrs..lb. .75 - —
open order.....lb. .80 - —
Rose lake, bbls.....lb. .20 - .30
Pink, bbls.....lb. .15 - .20
Lithol-rubin toner, bbls., same basis alizarin lake..lb. 1.35 - —
Maroon lake, 25%, kgs., same basis alizarin lake contracts. lb. .40 - —
Oxide (see Red, purple oxide).
Mercury oxide, tech., dom.... bbls..lb. 1.26 - —
Metallic, bbls., Pa., works..lb. .02 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., works, lb. .08½- —
l.c.l., works.....lb. .09¼- —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N.Y..lb. .08¼- —
80% copperas oxide, bbls., same basis..lb. .07⅜- —
Para, toner, concent., kegs, same basis alizarin lake, contracts..lb. .75 - —
open order.....lb. .80 - —
Persian Gulf oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N. Y..lb. .04½- .04¾
ex whse., Chicago, St. Louis..lb. .05⅞- —
San Fran., Los Ang., Portland, Seattle..lb. .05 - —
Phloxin toner (see Red, Eosin toner)
Phosphotungstic rhodamine Y, kgs..lb. 3.90 - —
Purple lake, kegs.....lb. .60 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis..lb. .03 - —
Toner, kgs.....lb. 1.50 - 2.00
Scarlet ink toner, kgs., same basis alizarin lake..lb. .45 - —
Lake, kgs., same basis alizarin lake..lb. .25 - .30
Spanish oxide, bbls., dlvd..lb. .03⅝ Nom.
Toluidin toner, kgs., same basis alizarin lake..lb. 1.35 - —
Tuscan, bbls., f.o.b. N. Y., E. St. Louis..lb. .11 - .40
Venetian, bbls., works.....lb. .0220- —
10%, bbls., works.....lb. .0245- —
15%, bbls., works.....lb. .0255- —
20%, bbls., works.....lb. .02⅝- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03¼- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, Amer., bbls., same basis alizarin lake..lb. .15 - —
English quicksilver, bbls., 500 lb. 1.55 - —
smaller lots.....lb. 1.56 - 1.60
Red dyes are listed under Dyes.
Red precipitate, N. F., powd., fib. dms., 50 lbs. or more..lb. 1.51 - —
Red saunders wood, ground, bbls. lb. .12 - .17
Resorcinol, tech., dms., works.lb. .75 - .80
USP, cryst., bbls., works...lb. 1.50 - 1.55
Rhatany root, bgs.....lb. .09 - .10
Rhodinol, bots. .....lb. 6.65 - 13.00
Rhubarb root, cs.....lb. .36 - .37
powd., bbls., kgs.....lb. .41 - .42
Rochelle salt, cryst., bbls., 5,000 lbs., 1 shipm't..lb. .17¾- —
smaller lots.....lb. .18¼- —
powd., bbls., 5,000 lbs., 1 shipt..lb. .16¾- —
smaller lots.....lb. .17¼- —
Rose flowers, pale, bls.....lb. .25 - .30
red, bls.....lb. 2.25 - 2.30
Rosemary flowers, bls.....lb. .25 - .30
Leaves, bls.....lb. .05 - .09
Rosin, gum B, bbls., ex docks, 280 lbs. 4.65 - —
D, bbls.....280 lbs. 5.00 - —
E, bbls.....280 lbs. 5.25 - —
F, bbls.....280 lbs. 5.65 - —
G, bbls.....280 lbs. 5.75 - —
H, bbls.....280 lbs. 5.75 - —

Rosin—Superphosphate

I, bbls.	280 lbs.	5.75	—
K, bbls.	280 lbs.	5.75	—
M, bbls.	280 lbs.	5.77½	—
N, bbls.	280 lbs.	6.50	—
W. G., bbls.	280 lbs.	7.00	—
W. W., bbls.	280 lbs.	7.35	—
X, bbls.	280 lbs.	7.65	—
Rottenstone, dom., bgs., c.l., f.o.b. mines	ton.	35.00	—
l.c.l., ex whse	ton.	50.00	—
import., lump., bbls.	lb.	.12	—
powd., bbls.	lb.	.08½	.10
Rue, bls.	lb.	.15	.16

S

Sabadilla seed, powd., bbls.	lb.	.19	.20
Saccharin, dms., 100 lbs.	lb.	1.70	—
cns., 25 lbs.	lb.	1.75	2.05
Safflower, bls.	lb.	.25	.26
Saffron, Mexican, bls.	lb.	.28	.29
Spanish, tins	lb.	28.00	29.00
Safrol, cns.	lb.	.52	.53
dms.	lb.	.50	.51
Sage, Dalmatian, stemless	lb.	.05¾	.06
garden, bls.	lb.	.06¼	.06½
Sago flour, bgs.	lb.	.02½	.03¼
Salicin, bots., 5 lbs.	lb.	5.00	—
cns., 25 lbs.	lb.	4.75	—
Salol, gran., bbls., 200 lbs.	lb.	.90	—
bxs., 25 lbs.	lb.	.93	—
kgs., 100 lbs.	lb.	.96	—
powd., 4lb. dms., 25 lbs.	lb.	1.03	—
kgs., 100 lbs.	lb.	1.00	—
Salt, rock, bgs., dlvd., N. Y.	ton.	13.20	13.80
l.c.l., bgs., dlvd., N. Y.	ton.	15.00	15.60
vacuum, common, fine, bgs., c.l., dlvd., N. Y.	ton.	15.30	—
l.c.l., dlvd. N. Y.	ton.	16.30	21.00
Saltcake, grd., dom., bbls., works,	ton.	19.00	25.00
bulk, works	ton.	15.00	—
import, bulk, c.i.f.	ton.	15.00	16.00
Chrome (see Chrome cake).			
Saltpeter, dbl. refined, cryst., 10-20 tons, bbls.	100 lbs.	7.50	8.25
1-9 tons.	100 lbs.	7.65	8.40
less than ton lots.	100 lbs.	7.90	8.65
gran., bbls., 10-20 tons, 100 lbs.		6.50	—
1-9 tons.	100 lbs.	6.65	—
less than ton lots.	100 lbs.	6.90	—
powd., bbls., 10-20 tons.	100 lbs.	7.50	—
1-9 tons.	100 lbs.	7.65	—
less than ton lots.	100 lbs.	7.90	—
Santonin, cryst., cns.	lb.	21.00	22.00
Saponin, crude, cns.	lb.	1.45	—
purified, bots., 5 lbs.	lb.	1.65	—
cns., 25 lbs.	lb.	1.50	—
Sarsaparilla root, Honduras, bls.	lb.	.40	.41
Mexican, bls.	lb.	.16	.18
Sassafras, bark, ord., bls.	lb.	.13	.15
select, bls.	lb.	.18	.20
Savory, bbls.	lb.	.07	.07½
Saw palmetto berries, bgs.	lb.	.06½	.07
Scammony root, bgs.	lb.	.06	.07
Schaeffer's salt, bgs.	lb.	.46	—
Seidlitz mixture, bbls., 5,000 lbs., 1 shipm't.	lb.	.13½	—
smaller lots.	lb.	.14¾	—
kegs, 5,000 lbs., 1 shipm't.	lb.	.14¾	—
smaller lots.	lb.	.14⅝	—
Selenium, pwd., A, 10-lb. tins	lb.	2.00	—
100-lb. cases	lb.	1.75	—
Senega root, bls.	lb.	.47	.50
Senna leaves, Alexandria, bls.	lb.	.10	.14
Tinnevelly, No. 1, bls.	lb.	.09	.10
2 bls.	lb.	.07	.08
3 bls.	lb.	.05	.06
powd., bbls., bxs.	lb.	.09	.10
siftings, bls.	lb.	.10	.11
Pods, bls.	lb.	.05½	.06
Serpentaria root, bls.	lb.	.75	.80
Shellac, bleached, bonedry, bbls., f.o.b., N.Y.	lb.	.19	.20
dlvd. Boston	lb.	.19½	.20½
Chicago	lb.	.19¾	.20¾
Pacific Coast	lb.	.22	.23
refd., bbls., f.o.b. N. Y.	lb.	.25	—
dlvd. Boston	lb.	.23½	—
Chicago	lb.	.23¾	—
Pacific Coast	lb.	.28	—
Garnet, bgs.	lb.	.13½	.14
Orange, D.C., VSO., Diamond, cases.	lb.	.20	.21
Superfine, bgs., f.o.b. Bost. N. Y.	lb.	.11½	.12
dlvd. Chicago	lb.	.12	.12½
Pacific Coast	lb.	.15	.15½
T.N., bgs., f.o.b. Bost. N. Y.	lb.	.11	.11¼
dlvd. Chicago	lb.	.11½	.12
Pacific Coast	lb.	.14	.14½
Shellac varnish, orange, 5-lb. cut, bbls.	gal.	.85	.95
4½-lb. cut, bbls.	gal.	.80	.90
4-lb. cut, bbls.	gal.	.75	.85
white, 5-lb. cut, bbls.	gal.	1.00	1.10
4½-lb. cut, bbls.	gal.	.95	1.05
4-lb. cut, bbls.	gal.	.90	1.00
Silica, amorph., dry-grd., 95-97%, 325 mesh, bgs. c.l., works.	ton.	17.00	—
l.c.l., 2½ tons. works.	ton.	19.00	—
smaller lots, works.	ton.	20.00	—
wet-grd., 95-97%, 325 mesh, bgs., c.l., works.	ton.	18.00	—
l.c.l., 2½ tons, works.	ton.	19.50	—
smaller lots, works.	ton.	21.00	—
400 mesh, bgs., c.l., works,	ton.	35.00	—
l.c.l., 2½ tons, works.	ton.	36.50	—
smaller lots, works.	ton.	38.00	—
96-98%, 325 mesh., bgs., c.l., works.	ton.	20.00	—
l.c.l., 2½ tons, works.	ton.	21.50	—
smaller lots, works.	ton.	23.00	—
99%, 325 mesh, bgs., c.l., works.	ton.	22.00	—
l.c.l., 2½ tons, works.	ton.	25.50	—
smaller lots.	ton.	27.00	—
hard-quartz, 140 mesh, bgs., c.l., works.	ton.	11.00	—
l.c.l., works.	ton.	16.00	—
Silver bullion	oz.	.42¾	—
Govt. purchase	oz.	.6464	—
Nitrate, vis.	oz.	.31½	.33½
Nucleinate, bots., cns., 480 ozs.,	oz.	.30	.31
Proteinate, bots., cns., 480 ozs.,	oz.	.29	.30
Simaruba bark, bls.	lb.	.27	.28
Skatol, bots.	lb.	75.00	80.00
Skullcap, Eastern, bls.	lb.	.30	.35
Western, bls.	lb.	.17	.18
Skunk cabbage root, bls.	lb.	.20	.22
Slate flour, bgs., c.l., works.	ton.	9.00	—
l.c.l., works.	ton.	10.00	15.00
Sloe berries, bgs.	lb.	.09	.10
Smalt, black, extra velvet, ctns.	lb.	.05	.08
Blue, cts.	lb.	.07	.08½
Snakeroot, Canada, bls.	lb.	.24	.26
Soapbark, bls.	lb.	.07	.08
crushed, bls., bbls.	lb.	.11	.12
cut, bls., bbls.	lb.	.09	.10
powd., bbls.	lb.	.13	.14
Soda, abietate, dms.	lb.	.10	—
Acetate, anhyd., dms., dlvd.	lb.	.08¼	—
flake, gran., powd., 60%, dms., c.l., dlvd.	lb.	.04	—
l.c.l., dlvd.	lb.	.04½	.05
Alginate, dms.	lb.	.69	—
Antimoniate, bbls.	lb.	.12	.12½
Arsenate, dms., dealers, c.l., works.	lb.	.08	—
l.c.l., dms., works.	lb.	.08½	—
Arsenite, dry, gray, dms., c.l., dealers' works.	lb.	.07½	.09½
l.c.l., dms., works.	lb.	.08	.10
white, dms., c.l., dealers' works.	lb.	.09	.11
l.c.l., dms., works.	lb.	.09½	.11½
Soda, arsenite, liquid, 50 gls., dms.	gal.	.35	—

Soda arsenite, dry, gray, prices are ¾c. per pound higher in Chicago; 1c. per pound higher in Houston, Tex., and Colorado. White prices are 1c. per pound higher in Tex. and Colo.

Ash, dense, 58%, bgs., c.l., works.	100 lbs.	1.10	—
l.c.l., Zone 1	100 lbs.	2.13	—
2	100 lbs.	2.28	—
3	100 lbs.	2.33	—
4	100 lbs.	2.93	—
bbls., c.l., works.	100 lbs.	1.35	—
l.c.l., Zone 1	100 lbs.	2.35	—
2	100 lbs.	2.50	—
3	100 lbs.	2.75	—
4	100 lbs.	3.15	—
bulk, c.l., works.	100 lbs.	.95	—
extra light, 58%, bgs., c.l.,	100 lbs.	1.08	—
l.c.l., Zone 1	100 lbs.	2.08	—
2	100 lbs.	2.23	—
3	100 lbs.	2.48	—
4	100 lbs.	2.88	—
bbls., c.l., Zone 1.	100 lbs.	1.45	—
58%, bbls., c.l., Zone 2.	100 lbs.	2.60	—
3	100 lbs.	2.85	—
4	100 lbs.	3.25	—
l.c.l., Zone 1	100 lbs.	2.45	—
bulk, c.l.	100 lbs.	.90	—
light, 58%, bgs., c.l., works.	100 lbs.	1.05	1.08
l.c.l., Zone 1	100 lbs.	2.08	—
2	100 lbs.	2.23	—
3	100 lbs.	2.48	—
4	100 lbs.	2.88	—
bbls., c.l., works.	100 lbs.	1.25	—
l.c.l., Zone 1	100 lbs.	2.25	—
2	100 lbs.	2.50	—
3	100 lbs.	2.75	—
4	100 lbs.	3.15	—
bulk, c.l.	100 lbs.	.90	—

Soda ash l.c.l. prices are per 100 lbs. f.o.b. recognized warehouse points and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. The sales zones are:—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky., N. E. States (in Me., N. H., Vt.), special local prices apply for shipts. to various counties; Zone 2, Ala., Fla., Ga., Iowa (except Davenport), E. Kan. (incl. Wichita), Minn., Miss., Mo. (except St. Louis), N. C., Omaha, S.C., Tenn.; Zone 3, Ark., Kan. (W. of Wichita), La., Neb. (except Omaha), N.D., Okla., S.D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N.M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane).

Benzoate, tech., bbls., 4,000 lbs. or more.	lb.	.39	—
1,000 to 3,900 lbs.	lb.	.40	—
900 lbs. or less.	lb.	.43	—
USP, bbls., 4,000 or more.	lb.	.46	—
1,000 to 3,900 lbs.	lb.	.47	—
900 lbs. or less.	lb.	.50	—
dms, 4,000 lbs., or more.	lb.	.47	.48
1,000 to 3,900 lbs.	lb.	.48	.49
900 lbs. or less.	lb.	.51	.52
Bicarbonate, gran., bbls., c.l., works.	100 lbs.	2.25	—
powd., bbls., c.l., works,	100 lbs.	1.85	—
l.c.l., dlvd. N. Y.	100 lbs.	2.51	—
kgs., c.l.	100 lbs.	2.10	—
l.c.l., dlvd. N. Y.	100 lbs.	2.76	—
Bichromate, spot, c.l., works,	lb.	.06¾	—
6 cks. or 10 bbls. or over, works.	lb.	.07	—
5 cks. or 9 bbls. or less, works.	lb.	.07¼	—
Difluoride, bbls.	lb.	.12½	.15
Disulphite, powd., bbls., c.l., bbls., wks.,	100 lbs.	3.30	3.55
l.c.l., works.	100 lbs.	3.50	3.60
solution, 32 doz., bbls., c.l., works.	100 lbs.	1.30	—
l.c.l., bbls., works.	100 lbs.	1.55	—
33 deg., bbls., c.l., works,	100 lbs.	1.35	—
l.c.l., bbls., works.	100 lbs.	1.60	—
35 deg., bbls., c.l., works,	100 lbs.	1.40	—
l.c.l., bbls., works.	100 lbs.	1.65	—
40 deg., bbls., works.	100 lbs.	1.55	—
l.c.l., bbls., works.	100 lbs.	1.80	—
Bromide, USP, gran., bbls., 500 lbs.	lb.	.31	—
fiber dms., 100 lbs.	lb.	.32	—
Cacodylate, bots., 5 lbs.	lb.	5.61	—
jars, 25 lbs.	lb.	5.50	—

Carbonate (see Soda ash, soda monohydrated, soda, sal)

Caustic, flake, 76%, 1, gr., powd., ammon. process, bbls., c.l., works.	100 lbs.	2.70	—
dms., c.l., works.	100 lbs.	2.70	—
l.c.l., Zone 1	100 lbs.	3.55	4.90
2	100 lbs.	3.70	5.05
3	100 lbs.	3.95	5.30
4	100 lbs.	4.35	5.70
electro process, dms., c.l., works.	100 lbs.	2.70	—
l.c.l., same zone prices as ammonia process.			
liquid, 47-49% buyer's tanks, works.	100 lbs.	1.95	—
seller's tanks, works,	100 lbs.	1.97½	—
70%, buyer's tanks, works,	100 lbs.	1.97½	—
seller's tanks, works,	100 lbs.	2.00	—
solid, 76%, ammon. process, dms., c.l., works.	100 lbs.	2.30	—
l.c.l., Zone 1	100 lbs.	3.15	—
2	100 lbs.	3.30	—
3	100 lbs.	3.55	—
electro process, dms., c.l., works.	100 lbs.	2.30	—
l.c.l., same zone prices as ammon. process.			

Caustic soda l.c.l. prices are on the same basis as those for soda ash. The sales zones are also the same.

Chlorate, dom., cryst., bgs., c.l., works.	lb.	.06¼	—
l.c.l., works.	lb.	.06½	—
powd., bgs., c.l., works.	lb.	.06½	—
l.c.l., works.	lb.	.07	.08½
Citrate, U.S.P., VIII, gran., bbls.	225 lbs.	.19½	—
cns., 50 lbs.	lb.	.21½	—
25 lbs.	lb.	.21½	.24¼
kgs., 100 lbs.	lb.	.20½	—
USP XI, gran., bbls., 250 lbs.	lb.	.26	—
cns., 50 lbs.	lb.	.28	—
25 lbs.	lb.	.30	.31
kgs., 100 lbs.	lb.	.27	—
U.S.P., XI, powd., bbls., 250 lbs.	lb.	.26¼	—
cns., 50 lbs.	lb.	.28½	—
25 lbs.	lb.	.30½	.31½
kgs., 100 lbs.	lb.	.27½	—
Cyanide, 96-98%, dom., dms.	lb.	.14	.15
import., cs.	lb.	.12¾	.13¾
Diacetate, 33-35% acidity, bbls., dlvd.	lb.	.09	—
Fluoride, white, 90%, bbls., c.l., f.o.b. Phila.	lb.	.07¼	—
l.c.l., 10 or over, same basis.	lb.	.07¾	—
5-9, same basis.	lb.	.08¼	—
1-4, same basis.	lb.	.08¾	—
Soda, fluoride, white, 95%, bbls., c.l., same basis.	lb.	.07½	—
l.c.l., 10 or over, same basis.	lb.	.08	—
5-9 same basis.	lb.	.08½	—
1-4, same basis.	lb.	.08¾	—

Soda fluoride prices at Los Angeles are f.a.s. Phila.

Glycerophosphate, N. F., cryst., bbls., 1,000-lb. lots.	lb.	1.00	—
smaller lots.	lb.	1.15	—
cns., 25 lbs.	lb.	1.40	—
powd., bbls., 1,000-lb. lots.	lb.	1.05	—
smaller lots.	lb.	1.20	—
cns., 25 lbs.	lb.	1.45	—
Hydrosulphite, bbls.	lb.	.16	.17
Hydroxide, USP., sticks, cns., 160 lbs.	lb.	.20½	.22
Hypophosphite, N.F., cns.	100 lbs.	.67	—
Hyposulphite, cryst., large, bgs, c.l., wks, frt. equal'd,	100 lbs.	2.25	—
bbls., same basis.	100 lbs.	2.45	—
l.c.l., bgs., wks, frt. equal'd	100 lbs.	2.50	—
bbls., same basis.	100 lbs.	2.70	—
	100 lbs.	2.40	2.65
pea, bgs., c.l., works.	100 lbs.	2.60	—
bbls., works.	100 lbs.	2.80	—
dms., works.	100 lbs.	3.10	—
Hypophosphite, pea, 5,000 lbs. and over, bgs., wks.	100 lbs.	2.75	3.00
bbls., wks.	100 lbs.	2.95	3.20
dms., wks.	100 lbs.	3.25	3.60
2,500 to 5,000 lbs., bgs., wks.	100 lbs.	2.85	3.10
bbls., wks.	100 lbs.	3.05	3.30
dms., wks.	100 lbs.	3.35	3.60
500 to 2,500 lbs., bgs., wks.,	100 lbs.	3.10	3.35
bbls., wks.	100 lbs.	3.30	3.55
dms., wks.	100 lbs.	3.60	3.85
less than 500 lbs., bgs., wks,	100 lbs.	3.70	3.95
bbls., wks.	100 lbs.	3.90	4.15
dms., wks.	100 lbs.	4.20	4.45
Iodate, jars.	lb.	5.02	5.07
Iodide, jars	lb.	2.10	—
bots.	lb.	2.21	2.47
Mandelate, bots., 5 lbs.	lb.	3.30	—
fib dms., 25 lbs.	lb.	3.15	—
Metanilate, kgs.	lb.	.41	Nom.
Metasilicate, ground, dms., c.l., works.	100 lbs.	3.15	—
l.c.l., works.	100 lbs.	3.40	—
cryst., dms., c.l.	100 lbs.	2.90	—
gran., bbls., c.l., works.	100 lbs.	2.20	—
Molybdate, kgs., wks.	lb.	.60	—
less kgs.	lb.	.65	—
Monohydrated, bbls.	100 lbs.	2.60	—
works	100 lbs.	2.30	—
Naphthenate, bbls.	lb.	.19	—
Naphthionate, bbls.	lb.	.50	—
Nitrate, crude, c.l., 100-lb. bgs., July delivery, f.o.b. cars producing point or ports, rail or boat shipment.	ton.	29.00	—
200-lb. bgs., same basis.	ton.	28.30	—
bulk, same basis.	ton.	27.00	—
rtd., gran., bbls., 10 tons.	100 lbs.	2.50	—
1-9 tons.	100 lbs.	2.65	—
smaller lots.	100 lbs.	2.90	—
pwd., bbls., ton lots.	100 lbs.	5.65	—
smaller lots.	100 lbs.	5.90	—
Nitrite, 96-98%, dom., bbls., c.l., works, frt. equalized.	lb.	.06¾	—
c.l., West Coast, f.o.b. f.o.b. ports.	lb.	.08	—
l.c.l.	lb.	.08¼	.11¼

Soda nitrate l.c.l. price range represents delivery at various points.

Oxalate, neut., bbls.	lb.	.09	—
kgs.	lb.	.11	—
Perborate, N.F., bbls., c.l., works.	lb.	.14¾	—
l.c.l., works.	lb.	.15¼	—
Phosphate, dibasic, tech., bgs., c.l., works.	100 lbs.	1.85	—
l.c.l., works.	100 lbs.	2.25	—
bbls., c.l., works.	100 lbs.	2.05	—
l.c.l., works.	100 lbs.	2.40	—
monobasic, anhyd., bbls., c.l.,	100 lbs.	7.45	—
l.c.l.	100 lbs.	8.20	—
tribasic, bgs., c.l., works.	100 lbs.	2.00	—
l.c.l., works.	100 lbs.	2.40	—
bbls., c.l., works.	100 lbs.	2.20	—
l.c.l., works.	100 lbs.	2.60	—
kgs., c.l., works.	100 lbs.	2.70	—
l.c.l., works.	100 lbs.	3.10	—
Picramate, kgs.	lb.	.65	—
Prussiate, yellow, bbls., works.	lb.	.09½	.10
Pyrophosphate, anhy., c.l., bgs.,	100 lbs.	5.90	—
bbls., c.l.	100 lbs.	6.10	—
10,000 lbs. or over, bgs.,	100 lbs.	6.25	—
bbls.	100 lbs.	6.45	—
less than 10,000 lbs., bgs.,	100 lbs.	6.90	—
bbls.	100 lbs.	7.10	—

f.o.b. works, frt. equal'd with producing points.

Ricinoleate, tech., bbls.	lb.	.12	—
sal, bgs., dlvd., N. Y.	100 lbs.	1.20	—
works	100 lbs.	1.00	—
bbls., dlvd. N. Y.	100 lbs.	1.30	—
works	100 lbs.	1.10	—
Salicylate, bxs.	lb.	.62	—
Sesquisilicate, dms., c.l., works.	100 lbs.	3.00	—
20 dms. and up, dlvd. N.Y.C.	100 lbs.	3.65	—
5-19 dms.	100 lbs.	4.10	—
1-4 dms.	100 lbs.	4.30	—
Silicate, 40° turbid., dms., c.l., works.	100 lbs.	.80	—
l.c.l., 5 or more, works.	100 lbs.	1.05	—
1-4, works.	100 lbs.	1.20	—
52°, dms., c.l., works.	100 lbs.	1.40	—
l.c.l., 5 or more, works.	100 lbs.	1.65	—
1-4, works.	100 lbs.	1.80	—
Silicofluoride, dom., bbls.	lb.	.05¼	.05½
import., bbls.	lb.	.05	.05¾
Stannate, dms.	lb.	.29½	.32½
Stearate, lump, powd., bbls., works.	lb.	.18	.24
Sulphate, anhyd., bgs., bbls., c.l., works.	100 lbs.	1.45	1.65
5 tons or over, works.	100 lbs.	1.70	1.90
less than 5 tons, works.	100 lbs.	1.95	2.15
cryst. (see Glauber's salt).			
Sulphide, cryst., bbls., c.l., works.	100 lbs.	2.25	—
l.c.l., 5 tons or over, dlvd.	100 lbs.	2.75	—
less than 5 tons, dlvd.	100 lbs.	3.00	—
solid, bbls., c.l., works.	100 lbs.	3.00	—
l.c.l., 5 tons or over, dlvd.	100 lbs.	3.50	—
less than 5 tons, dlvd.	100 lbs.	3.75	—
Sulphite, cryst., bgs., works.	100 lbs.	2.10	2.35
bbls.	100 lbs.	2.30	2.55
Soda, sulphite, powd., bbls., c.l., works.	100 lbs.	5.25	—
l.c.l., 5 or more.	100 lbs.	5.50	—
1-4	100 lbs.	6.00	—
Sulphocarbolate, cs.	lb.	.27	.28
Sulphocyanide, dms., cns.	lb.	.28	.47
Sulphoricinoleate, bbls.	lb.	.12	—
Thiosulphate (see hyposulphite).			
Tungstate, CP, kgs.	lb.	2.00	2.10
tech., kgs.	lb.	1.30	1.35
Solvent, high-flash, dms., works, frt., equald.	gal.	.31	—
tanks, same basis.	gal.	.26	—
naphtha, solvent, dms., works,	gal.	.31	—
tanks, E. of Omaha, frt., alld.	gal.	.26	—
W. coast, f.o.b., Minnequa, Colo.	gal.	.26	—
Sorbitol, com'l, solut., dms., c.l., works.	lb.	.17	—
l.c.l.	lb.	.18	—
Sparteine sulphate, cns.	oz.	1.00	1.05
Spearmint leaves, bls.	lb.	.19	.20
Spikenard root, bls.	lb.	.13	.14
Spruce extract, bbls., works.	lb.	.01⅝	—
tanks, works.	lb.	.01¼	—
powd., bgs.	lb.	.04	—
super, bbls., works.	lb.	.01¾	—
tanks, works.	lb.	.01⅝	—
Squawvine leaves, bls.	lb.	.15	.16
Squill red, bls.	lb.	.14	.15
white, bls.	lb.	.06	.07
powd., bbls., bxs.	lb.	.12	.13
St. Ignatius beans, bgs.	lb.	.45	.50
St. John's bread, bls.	lb.	.06½	.07
Starch, corn, pearl, bgs., f.o.b. Chicago.	100 lbs.	2.65	2.85
dlvd., N. Y.	100 lbs.	3.00	3.20
powd., bgs., f.o.b. Chicago,	100 lbs.	2.75	2.95
dlvd., N. Y.	100 lbs.	3.10	3.30
Potato, dom., bgs.	lb.	.04	.05
import, bgs.	lb.	.05	.06
Rice, bbls.	lb.	.06¼	.07¼
Wheat, thick boil, bbls.	lb.	.06¼	—
Staveacre seed, bgs.	lb.	.17	.18
Stearin, oleo, bbls.	lb.	.07	.07½
Stillingia root, bls.	lb.	.08	.09
Stoneroot, bls.	lb.	.07½	.08
Storax, cs.	lb.	.42	.44
Stramonium leaves, bls.	lb.	.12½	.13
Seed, bgs.	lb.	.09	.10
Strontium bromide, fib, dms.	lb.	.57	.58
kgs., 150 lbs.	lb.	.55	—
Carbonate, N.F., IV, 250-lb. bbls.	lb.	.30	—
25-lb. bxs.	lb.	.35	—
100-lb. kgs.	lb.	.32	—
Chloride, bbls.	lb.	.13½	—
Iodide, bots., 5 lbs.	lb.	2.90	—
jars, 25 lbs.	lb.	2.85	—
Nitrate, dom., bbls., c.l., works.	lb.	.08¼	—
25 bbls. and over.	lb.	.08¾	—
1-4 bbls. and over.	lb.	.09¼	—
import, bbls.	lb.	.08¼	.09¼
Strophanthus seed, Kombe, bgs.	lb.	1.20	1.25
Strychnine, cryst., cns., 100-oz. lots.	oz.	.39	—
powd., cns., 100-oz. lots.	oz.	.29	—
Acetate, 25-oz. cns., 100-oz. lots.	oz.	.57	—
Arsenate, 25-oz. cns., 100-oz. lots.	oz.	.60	—
Arsenite, 25-oz. cns., 100-oz. lots.	oz.	.57	—
Glycerophosphate, 25-oz. cns., 100-oz. lots.	oz.	.59	—
Hydrochloride, 25-oz. cns., 100-oz. lots.	oz.	.57	—
Hypophosphite, 25-oz. cns., 100-oz. lots.	oz.	.68	—
Nitrate, 25-oz. cns., 100-oz. lots.	oz.	.50	—
Phosphate, 25-oz. cns., 100-oz. lots.	oz.	.59	—
Sulphate, cryst., cns., 100-oz. lots.	oz.	.35	—
powd., cns., 100-oz. lots.	oz.	.25	—
Styralyl acetate, bots.	lb.	6.75	7.00
Sucrose octa-acetate, denat. grade, bbls., l.c.l., works.	lb.	.45	—
tech., bbls., l.c.l., works.	lb.	.40	—
Sugar coloring, bbls.	gal.	.70	1.10
Milk., bbls., c.l.	lb.	.15	—
l.c.l., 10 or over.	lb.	.16	—
less than 10.	lb.	.17	—
Sulfanilamide, 5 lb. bots.	lb.	1.90	—
fib., dms., 1,000 lbs., 1 delivery,	lb.	1.50	—
100 lbs.	lb.	1.55	—
Sulphonethylmethane, kgs.	lb.	6.75	6.80
Sulphonmethane, kgs.	lb.	5.25	5.30
Sulphur, crude, bulk, 1,000 tons, mines, contracts, long ton.		18.00	—
c.l., spot, nearby, long ton.		21.00	—
ex vessel, Balto., N. Y., Phila., Southern ports, long ton.		22.00	25.00
Bost., Portland. long ton.		22.50	25.50
flowers, bgs., c.l., works.	100 lbs.	3.00	—
bbls., works.	100 lbs.	3.25	—
l.c.l., bgs., works.	100 lbs.	3.25	3.75
bbls., wks.	100 lbs.	3.70	4.10
refined, broken, bgs., c.l., works.	100 lbs.	2.15	—
bbls., works.	100 lbs.	2.30	—
l.c.l., bgs., works.	100 lbs.	2.50	2.90
bbls., works.	100 lbs.	2.65	3.05
flour, comm'l, bgs., c.l., works,	100 lbs.	1.65	—
bbls., c.l., works.	100 lbs.	1.95	—
l.c.l., bgs., works.	100 lbs.	1.95	2.35
bbls., works.	100 lbs.	2.60	2.70
extra fine, bgs., c.l., works,	100 lbs.	2.85	—
bbls works.	100 lbs.	3.20	—
heavy, bgs., c.l., works,	100 lbs.	2.55	—
bbls., works.	100 lbs.	2.90	—
l.c.l., bgs., works.	100 lbs.	2.90	3.30
bbls., works.	100 lbs.	3.25	3.65
light, bgs., c.l., works,	100 lbs.	2.65	—
bbls., works.	100 lbs.	3.00	—
l.c.l., bgs., works.	100 lbs.	3.00	3.40
bbls., works.	100 lbs.	3.35	3.75
rock, virgin, bbls., c.l., works,	100 lbs.	2.30	—
l.c.l., bbls., works.	100 lbs.	2.15	—
roll, bgs., c.l., works.	100 lbs.	2.35	—
bbls., works.	100 lbs.	2.50	—
l.c.l., bgs., works.	100 lbs.	2.70	3.10
bbls., works.	100 lbs.	2.85	3.25
Chloride, 55-xal. dms., c.l.	lb.	.03	—
l.c.l., dms., works.	lb.	.04	—
10-gal. dms., c.l.	lb.	.07	—
l.c.l.	lb.	.08	—
Dioxide, liq., com'l, cyls., works.	lb.	.07	.09
multi-unit cars, works.	lb.	.04½	.07
tanks, works.	lb.	.04	.05
refrigeration, cyls., works.	lb.	.16	.40
multi-unit cars, works.	lb.	.07½	.10
Iodide, bots., jars.	lb.	3.90	—
Sumac berries, bgs.	lb.	.06	.07
Sumac, grd., Sicilian, bls.	ton.	63.00	—
leaf, bales.	ton.	65.00	—
Extract, 42°, bbls.	lb.	.05¼	.06¼
51°, bbls.	lb.	.06½	.08¼
stainless, bbls.	lb.	.06½	.08¼
Sunflower seed, Calif., large, bgs.,	lb.	.06	.06½
medium, bgs.	lb.	.04½	.05
poultry, bgs.	lb.	.03½	.04
Superphosphate, guaranteed, 16%, bulk, f.o.b. cars, boat, Balto.	ton.	8.00	—
run-of-pile, basis 16%, bulk, same basis.	ton.	7.50	—
triple, 44-45%, a.p.a. bulk, f.o.b. Balto.	unit-ton.	.75	Nom.

T

Talc., dom., Calif., 1, bgs., c.l., mills..ton.20.00 - —
2, bgs., c.l., mills.....ton.17.00 - —
N.Y., fibrous, 93-94%, 325 mesh bgs., c.l., mills.. ton.14.00 - —
l.c.l., mills.....ton.16.00 - —
96-98%, 325 mesh, bgs., c.l., mills..ton.15.00 - —
l.c.l., mills.....ton.17.00 - —
98-99½%, 325 mesh, bgs., c.l., mills..ton.15.25- —
l.c.l., mills.....ton.17.25 - —
99.85-99.95%, 325 mesh, bgs., c.l., mills...ton.17.00 - —
coarse, off color, bgs., c.l., mills..ton.11.00 -13.00
Ohio, alum-mag. type, grd., bgs., c.l., mills..ton.21.00 - —
l.c.l., mills.....ton.24.50 - —
Vermont, bgs., c.l., mills, ton.14.00 - —
l.c.l., ex whse.....ton.25.00 - —
Canad., bgs., c.l., mills...ton.11.50 -13.00
French, high-grade, bgs., l.c.l., ex whse..ton.45.00 -60.00
ordinary, bgs., c.l., ex dock, arrival..ton.23.00 -25.00
l.c.l., ex whse.....ton.27.50 -32.50
Italian, 1, bgs., ex dock, arrival..ton.65.00 -67.00
ex whse.....ton.85.00 - —
2, bgs., ex dock, arrival.ton.60.00 -62.00
Tallow, animal, edible, bbls...lb. .06¾ Nom.
extra, loose, works.....lb. .05⅝- —
special, loose, works.....lb. .05½- —
Vegetable, ship., cs.....lb. .07½- .08
sulphonated 85% (24% fat), dms., c.l..lb. .05 - .05⅛
l.c.l .....lb. .06 - .06⅛
50% (43% fat) dms., c.l..lb. .06½- .07
l.c.l .....lb. .07½- .08
50% (48% fat), dms., c.l..lb. .07 - .07⅛
l.c.l .....lb. .08 - .09
Tamarind, W. I., bbls.....lb. .05½- .06
kegs .....keg. 5.00 - 5.25
Tankage, animal, dom., grd., 10-12%, ammon., 15-20% b.p.l., bulk..unit-ton. 3.00 & .10
unground, 9-11% ammon., 15-20% b.p.l., bulk, unit-ton. 2.80 & .10
fertilizer grade, 10-11% ammon., 15% b.p.l., bulk, Chicago..unit-ton. 2.55 & .10
high-grade feeding, bulk, Chicago..unit-ton. 2.75 & .10
import., S. Amer., 10-12% ammon., 15% b.p.l., bulk, c.i.f. ports ship, unit-ton. 3.10 & .10
Tansy leaves, bls.....lb. .18 - .19
Tapioca, flour, bgs.....lb. .02 - .05½
Tar acid oil, 15%, dms., c.l., works..gal. .22 - —
l.c.l., same basis.....gal. .25 - —
25%, dms., c.l., works....gal. .25½- —
l.c.l., same basis.....gal. .28½- —
Pine, retort, dms., c.l., dlvd. E. cities..gal. .26 - —
dlvd., ports.....gal. .25 - —
l.c.l. .....gal. .26 - —
tanks, dlvd. E. cities....gal. .20 - —
Tartar emetic tech., fine gran., bbls., 5 or more..lb. .27½- —
less than 5.....lb. .28 - —
powd., bbls., 5 or more..lb. .27½- —
less than 5.....lb. .28 - —
USP, powd., bbls.....lb. .33 - .33½
Terebene, cans.....lb. .70 - .75
Terpinyl acetate, cns.....lb. .77 - 1.00
Terpin hydrate, kgs.....lb. .45 - .46
Terpineol, CP, cns.....lb. .25 - —
dms. .....lb. .23 - —
Terpineol, alpha, denat. grade, dms., c.l., wks., net wgt..lb. .17 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms.,works.lb. .09 - .09½
Tetrachloroethylene, CP, dms..lb. .21½- —
tech., dms.....lb. .09½- —
Tetralin, dms.....lb. .12 - —
Thallium sulphate, 90% pure, dms. works..lb. 7.25 - 7.50
Theobromine, cns.....lb. 2.10 - 2.40
Sodiosalicylate, cns.....lb. 1.75 - 1.85
5-lb. bots. .....lb. 2.01 - —
Thiocarbanilide, dms.....lb. .24 - —
Thorium nitrate, cs., works...lb. 2.00 - —
Thyme, French, bls.....lb. .15 - .15½
Thymol, dms., 100 lbs.....lb. 1.40 - —
cns., 25 lbs .....lb. 1.45 - —
Iodide, kgs., 50 lbs.....lb. 3.25 - 3.30
25 lbs.....lb. 3.35 - 3.40
Tin crystals, bbls., kgs.....lb. .34½- .35
Metal, Straits.....lb. .43 - —
Oxide, bbls.....lb. .48 - .50
Tetrachloride, anhyd., bbls....lb. .22 - —
Titanium, dioxide, bgs., c.l. (20 tons), E. frt. alld..lb. .15 - —
Pac. cst., f.o.b. terminals, lb. .15 - —
l.c.l., 5 tons, E., dlvd....lb. .15¼- —
Pac. cst., ex whse....lb. .15¼- —
1,000-9,999 lbs., E. dlvd.lb. .15½- —
Pac. cst., ex whse....lb. .15½- —
50-999 lbs., E. dlvd.....lb. .15¾- —
Pac. cst., ex whse....lb. .15¾- —
under 50 lbs., E. dlvd..lb. .18 - —
Pac. cst., ex whse....lb. .18 - —
bbls., c.l. (20 tons), E. frt. alld..lb. .15¼- —
l.c.l., 5 tons, E. dlvd....lb. .15¼- —
1,000-9,999 lbs., E. dlvd.lb. .15¾- —
50-999 lbs., E. dlvd. b. .16 - —
phthalate-treated, bgs., c.l., (20 tons), E. frt. alld.lb. .23 - —
Pac. cst., f.o.b. terminal..lb. .23 - —
l.c.l., 5 tons, E. dlvd...lb. .23¼- —
Pac. cst., ex whse...lb. .23¼- —
1,000-9,999 lbs., E. dlvd.lb. .23½- —
Pac. cst., ex whse....lb. .23½- —
50-999 lbs., E. dlvd.....lb. .23¾- —
Pac. cst., ex whse..lb. .23¾- —
under 50 lbs.....lb. .26 - —
bbls., c.l. (20 tons), E. frt. alld..lb. .23¼- —
l.c.l., 5 tons, E. dlvd...lb. .23½- —
1,000-9,999 lbs. E. dlvd.lb. .23¾- —
50-999 lbs., E. dlvd....lb. .24 - —
pigment, barium, calcium, or magnesium base, c.l., E. frt. alld.....lb. .05⅝- —
Pac. cst., f.o.b. terminal, lb. .05⅝- —
l.c.l., dlvd.....lb. .05⅞- —
Pac. cst., ex whse..lb. .05⅞- —
under 50 lbs., E. dlvd.lb. .06⅛- —
bbls., c.l., E., frt. alld...lb. .05⅞- —
l.c.l., E., dlvd.....lb. .06⅛- —
Tolidin base, distilled, kgs....lb. .86 - —
Tolu, balsam, cns.....lb. .44 - .45
Toluidin, mixed, dms.....lb. .26 - —
Toluol (toluene), pure, dms., works..gal. .27 - —
tanks, E. of Omaha, frt. alld. gal. .22 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .22 - —
Nitration, dms., wks.....gal. .23½- —
tanks, E. of Omaha, frt. alld. gal. .23½- —
Tonga vine, NF, bls.....lb. .26 - .27
root, bls.....lb. .30 - .31
Tonka beans, Angostura, cks..lb. 2.40 - 2.50
Triacetin, dms.....lb. .26 - —
Triamyl borate, dms., l.c.l., works..lb. .27 - —
Triamylamine, dms., c.l., works, lb. .77 - —
l.c.l., works.....lb. .80 - —
Tributyl citrate, dms., l.c.l., dlvd..lb. .35 - —
Phosphate, dms., l.c.l., dlvd., lb. .50 - —
Tributylamines, dms., l.c.l., works lb. .70 - —
Trichloroethylene, dms., c.l., works, frt. alld. Zone A..lb. .09 - —
l.c.l., dms. .....lb. .095 - —
Zone B, c.l.....lb. .105 - —
l.c.l., dms.....lb. .110 - —
Zone C, dms., l.c.l.....lb. .105 - —
Zone A is East of the Rockies; B takes in Rocky Mountain States, and Zone C represents Pacific Coast States.
Tricresyl phosphate, CP, cns., dlvd..lb. .42 - .53
dms., c.l., dlvd.....lb. .36 - —
500 lbs., dlvd.....lb. .39 - —
tech., 1, dms., c.l.....lb. .24½- —
500 lbs., dms.....lb. .25 - —
less than 500 lbs., dms.lb. .28 - .39
2, dms., c.l.....lb. .23½- —
500 lbs., dms.....lb. .24 - —
less than 500 lbs.....lb. .27 - .38
Triethanolamine, dms., c.l., works, lb. .21 - —
l.c.l., works.....lb. .22 - —
tanks, works.....lb. .20 - —
Triethyleneglycol, dms., l.c.l., works..lb. .26 - —
Triethyl phosphate, dms., dlvd., lb. .45 - —
Trimethylamine, dms., c.l., dlvd., lb. 1.00 - —
l.c.l., dlvd.....lb. 1.05 - —
Triphenyl phosphate, dms.....lb. .38 - —
Tripoli, air-floated, bgs., c.l., works..ton.26.00 - —
double-grd., bgs., c.l., works. ton.16.00 - —
once-grd., bgs., c.l., works..ton.14.50 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal, powd., 99% dms., wks..lb. 2.80 - 3.10
Oxide, CP, kgs.....lb. 2.90 - 3.00
tech., kgs. .....lb. 2.10 - 2.20
Turmeric root, Alleppey, bgs..lb. .05⅜- .05½
Madras, bgs.....lb. .06¼ Nom.
Turpentine, spirits, gum, bbls c.l., ex dock..gal. .29¼- —
l.c.l., 10, ex dock.....gal. .31¼- —
5, ex dock.....gal. .33¼- —
wood, dest.-dist., dms., c.l., dlvd. E. cities, ports...gal. .36 - —
l.c.l., same basis....gal. .38 - —
tanks, dlvd. E. cities..gal. .33 - —
steam-dist., dms., c.l., dlvd.gal. .27 - —
l.c.l., dlvd.....gal. .30 - —
tanks, dlvd.....gal. .22 - —

U

Unicorn root, false (see Helonias root).
True (see Aletris root).
Uranium oxide, kgs.....lb. 1.50 - —
Urea, dom., 46 + % N. bgs., 5 tons, f.o.b. Atl. ports or Belle, W. Va..ton.95.00 - —
smaller lots, f.o.b. Belle, W. Va..ton.97.00 - —
f.o.b. N. Y.....ton.101.00 - —
import, 46% N. bgs., 5 tons, f.o.b. Atl., Gulf ports or Belle, W. Va., shipt.ton.95.00 - —
smaller lots, f.o.b. N. Y. from whse.101.00 - —
pure, cs. .....lb. .14½- .15½
Urea-ammonia liquor 55% ammon., tanks, f.o.b. Belle, W. Va., or Atl., Gulf ports. NH_3 unit. 1.00 - —
Uva ursi leaves, bls.....lb. .09 - .09½

V

Valerian root, bls.....lb. .09 - .09½
Valonia, beards, bgs., shipt..ton.47.00 - —
Cups, bgs., shipt.....ton.32.00 -34.00
extract, powdered, 65%.....lb. .06 - —
Vanilla beans, Bourbon, tins..lb. 3.75 - 4.25
Mexican, tins.....lb. 4.25 - 4.75
cut, tins .....lb. 3.65 - 4.00
South American, tins.....lb. 3.65 - 3.85
Vanillin, ex eugenol, 25-lb. tins, lb. 2.25 - —
5-lb. tins.....lb. 2.35 - —
Vanillin, ex guaiacol, 10c. per lb. less
Venice turpentine, true, cs....lb. .42 - .44
Verdigris, bbls., kgs.....lb. .22 - .23
Violet, methyl, toner (see M).
V.M.P. naphtha (see petroleum naphtha, v.m.p.).

W

Wahoo root bark, bls.....lb. .45 - .47
Tree bark, bls.....lb. .22 - .25
Wattle bark, bgs., shipt.....ton.39.75 -41.75
Extract, bbls. .....lb. .04⅜- —
Wax, bayberry, import, bgs...lb. .16⅞- .17
Bees, white, bleach, slabs, cs., 500 lbs. .37 - .39
yellow, crude, Africa, bgs., lots of 10..lb. .22 - .22½
1 bg. .....lb. .24½- .25½
Brazil, Chile, bgs., 5-10 tons, lb. .23 - .23½
1 ton .....lb. .23½- .24
500 lbs. .....lb. .24 - .24½
100 lbs. .....lb. .24½- .25
refd., slabs, cs., lbs....lb. .33 - .33½
Candelilla, bgs., 1 ton.....lb. .14½- .15
jobbing lots .....lb. .15 - .15½
Carnauba, No. 3, chalky, bgs., 1 ton..lb. .34 - .34½
5 bgs.....lb. .34½- .35
1 bg.....lb. .35 - .35½
N. C. 2, bgs.....lb. .37 - .37½
N. C. 3, bgs., 1 ton.....lb. .34 - .34½
5 bgs.....lb. .34½- .35
1 bg.....lb. .35 - —
refined, bgs.....lb. .38 - .38½
yellow, No. 1, bgs., 1 ton..lb. .41 - .41½
5 bgs.....lb. .41½- .42
1 bg.....lb. .42 - .42½
No. 2, bgs. .....lb. .39½- .40
Ceresin, dom., 138°140° m.p., bgs., 1 ton..lb. .08½- —
jobbing lots .....lb. .09½- —
150°-160° m.p., bgs., 1 ton.lb. .09½- —
jobbing lots .....lb. .10½- —
160° m.p., bgs., 1 ton.....lb. .10½- —
jobbing lots .....lb. .11½- —
Japan, cs.....lb. .10 - .10¼
Montan, bgs., c.l.....lb. .11 - —
5 tons .....lb. .11¼- .11½
less than 1 ton.....lb. .11½- .12
Ozokerite, hard green, congeal, p. 66°-68° C., bgs..lb. .62 Nom.
70°-72° C., bgs.....lb. .35 Nom.
74°-76° C., bgs.....lb. .38 Nom.
snow-white, pure 76°-78° C., bgs..lb. .45 - .46
yellow, natural, 76°-78° C., bgs..lb. .35 - .36
Paraffin (see P).
Spermaceti, blocks, cs.....lb. .23 - .24
cakes, cs. .....lb. .24 - .25
White lead (see Lead, white).
White pine bark, rossed, bls...lb. .06 - .06¼
White precipitate, powd., 5-lb. bots..lb. 1.59 - —
dms., 50 lbs., or more...lb. 1.46 - —
Whiting, chalk, com'l., dry-grd., bip. bgs., c.l., works..ton.12.00 - —
l.c.l., works.....ton.14.00 - —
bbls., c.l., works.....ton.15.00 -16.50
l.c.l., works.....ton.17.00 - —
pap. bgs., c.l., works..ton.11.20 -13.50
l.c.l., works.....ton.13.20 -14.50
wet-grnd., bip., bgs., c.l., works..ton.14.50 -15.00
l.c.l., works.....ton.15.00 -19.00
bbls., c.l., works.....ton.17.00 -18.00
gilder's bolted, bip., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -19.50
l.c.l., works.....ton.19.00 -20.00
pap. bgs., c.l., works..ton.14.60 -15.50
l.c.l works.....ton.15.60 -16.50
extra bolted, bip., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -22.50
l.c.l., works.....ton.19.00 -22.00
pap. bgs., c.l., works..ton.14.60 -17.50
l.c.l., works.....ton.15.60 -18.50
Paris white, bip., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.60 -24.00
l.c.l., works.....ton.19.00 -25.00
pap. bgs., c.l., works..ton.14.60 -20.00
l.c.l., works.....ton.15.60 -21.50
English cliffstone (see Whiting, chalk, Paris white).
Limestone, air floated, 99.75%, 250 mesh, paper bgs., c.l..ton. 9.35 - —
99.75% 200 mesh, paper bgs., c.l., same basis.ton. 8.50 - —
90% 200 mesh, paper bgs., c.l., same basis.....ton. 6.25 - —
gilders, bgs, (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
extra, bgs., (extra), c.l., works..ton.12.50 - —
l.c.l., 8-20 tons, works, ton.13.50 - —
4-8 tons, works....ton.14.50 - —
2-4 tons, works....ton.15.50 - —
putty grade, bgs. (extra), c.l., works..ton.11.00 - —
l.c.l., 8-20 tons, works.ton.12.00 - —
4-8 tons, works.....ton.13.00 - —
2-4 tons, works.....ton.14.00 - —
water-floated, bgs., (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
precipitated, bgs., c.l., works, ton.15.00 - —
l.c.l., 5 tons, works....ton.20.00 - —
smaller lots, works....ton.25.00 - —
Wild cherry bark, thick, natural, bls..lb. .04½- .05
rossed, bls.....lb. .06 - .07
thin, natural, bls.....lb. .06 - .07
rossed, green, bls.....lb. .08 - .09
Wild indigo root, bgs.....lb. .09 - .10
Witch-hazel extract, dist., NF. bbls..gal. .40 - .45
Leaves, bls.....lb. .07 - .08
Witherite (see Barium carbonate, natural).
Woodflour, dom., fine, bgs., extra, c.l., works..ton.25.00 - —
standard, bgs., c.l., works.. ton.20.00 - —
import, 70 mesh, bgs., ex docks ton.22.00 - —
80 mesh, bgs., ex dock....ton.24.50 - —
100 mesh, bgs., ex dock...ton.27.50 - —
120 mesh, bgs., ex dock...ton.30.00 - —
Wormseed, American, bgs.....lb. .10 - .11
Levant, bgs.....lb. 3.70 - 3.75
Wormwood, bls.....lb. .08 - .09

X

Xylol (xylene), indus., dms., works..gal. .31 - —
tanks, E. of Omaha, frt. alld., gal. .26 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .26 - —
nitration, dms., wks.....gal. .42 - —
tanks, E. of Omaha, frt. alld. gal. .33 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .33 - —
5°, dms., works.....gal. .37 - —
tanks, E. of Omaha, frt., alld., gal. .32 - —
10°, dms., works.....lb. .34 - —
tanks, E. of Omaha, frt. alld., gal. .29 - —
Xylidin, mixed, dms.....lb. .36 - .36

Y

Yara yara, cryst., cns.....lb. 1.25 - 1.50
Yellow, cadmium, CP, import., bxs...lb. 1.50 - 2.50
lithopone, all shades, bbls., 1 ton, works, frt. alld.lb. .45 - —
smaller lots, same basis, lb. .50 - —
kgs, ton lots, same basis, lb .50 - —
smaller lots, same basis, lb. .55 - —
sulphide, orange, bbls., works, lb. 1.50 - —
Chrome, CP, bbls., dlvd. N. of Tenn. and N.C., E. of Miss., R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts....lb. .14½- —
open order .....lb. .15½- —
Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex., (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast: for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Dutch pink, bbls.....lb. .09 - .11
Hansa, bbls., same basis, chrome..lb. 1.37 - —
Mercury oxide (see M).
Ocher, Amer., golden, A. bbls., works..lb. .06¼- —
B. bbls., works.....lb. .04½- —
C. bbls., works.....lb. .03½- —
yellow, A, bbls., works...lb. .02¾- —
B. bbls., works.....lb. .02½- —
C. bbls., works.....lb. .02 - —
D. bbls., works.....lb. .0195- —
E. bbls., works.....lb. .01775- —
F. bbls., works.....lb. .01½- —
G. bbls., works.....lb. .01½- —
H. bbls., works.....lb. .01⅜- —
French, all shades, cks., c.l., ex dock Balto., Boston, N. Orleans, for import .....lb. .02475- —
New York (f.o.b.)..lb. .02½- —
Philadelphia, for import..lb. .02¾- —

Talc—Zinc Palmitate

Yellow, ocher, French, all shades, csks, c.l., ex dock, Portland, Seattle ..lb. .03 - —
San Pedro, S. Francisco..lb. .0290- —
l.c.l., ex dock, Balto, Boston, N. Orleans..lb. .02575- —
New York .....lb. .02½- —
Philadelphia, for import..lb. .02¾- —
Portland, Seattle....lb. .03½- —
San Pedro, S. Francisco..lb. .03 - —
ex whse., Balto., Boston, N. Orleans..lb. .02725- —
Chicago, E. St. Louis, Ind'polis, K. City, Milwauk., St. Louis, lb. .03⅝- —
Minneapolis .....lb. .03½- —
New York .....lb. .02¾- —
Pittsburgh .....lb. .03¼- —
Portland, Seattle....lb. .03¾- —
San Pedro, S. Francisco..lb. .03¼- —
f.o.b. N. Y., from dock, lb. .02⅝- —
from whse. .....lb. .02⅞- —
Oxide, nat., bbls., c.l., f.o.b. Bethlehem Easton, N.Y. lb. .04½- —
l.c.l., same basis.....lb. .04¾- —
synth., bbls., c.l., works..lb. .06½- —
l.c.l., works .....lb. .06¾- —
Persian orange (see O).
Zinc, bbls., same basis chrome CP. contracts..lb. .18 - —
open order .....lb. .19 - —
Yellow dock root, bls.....lb. .09 - .10
Yellow root (xanthoriza), bls..lb. .09 - .10
Yerba santa leaves, bls.....lb. .08½- .10
Yohimbine hydrochloride, vis..oz. 2.50 - 2.55

Z

Zinc acetate, tech., bbls., dlvd., lb. .21 - —
USP., bbls., 250 lbs.....lb. .27 - —
kgs., 100 lbs.....lb. .29 - —
Arsenate, bgs., cs., c.l., dealers, E. of Rockies..lb. .12½- —
c.l., bgs., cs.....lb. .13 - —
Arsenite, bgs., cs., c.l., dealers, E. of Rockies..lb. .12½- —
W. of Rockies, bgs....lb. .12½- —
l.c.l., bgs., cs.....lb. .13 - —
W. of Rockies, bgs....lb. .12⅝- —
Zinc arsenate and arsenite price are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck, allowance for plant or whse. pick-up.
Carbonate, tech., bbls.....lb. .14 - .16
USP, precip., powd., bbls..lb. .31 - —
dms. .....lb. .86 - —
kgs. .....lb. .33 - —
Chloride, fused, dms., c.l., works..100 lbs. 4.25 - —
l.c.l., works.....100 lbs. 4.60 - —
gran., dms., c.l., works, 100 lbs. 5.00 - —
l.c.l., dms., works.100 lbs. 5.75 - —
USP, 200-lb. dms.....lb. .25 - —
25 lb. jars.....lb. .31 - —
solut., dms., wks.....lb. .04½- —
tanks .....lb. .0226- —
Cyanide, kgs., works.....lb. .33 - —
Dust, bbls., c. l., dlvd.....lb. .06¾- —
l.c.l., bbls., dlvd.....lb. .07¼- —
Fluoride, bbls.....lb. .20 - .25
Iodide, N.F., bots.....lb. 4.35 - —
jars .....lb. 4.20 - —
Metal (see daily quotations in Market report)
Oxide, pigment, dom., Amer., process, coml., lead-free, bgs., c.l., dlvd..lb. .06¼- .07½
l.c.l., dlvd., except Pac. cst..lb. .06½- .07¾
ex whse., Pac. cst., lb. .06¼- .07¾
bbls., c.l., dlvd...lb. .06½- .07¾
l.c.l., dlvd., except Pac. cst..lb. .06¾- .09
ex whse., Pac. cst..lb. .06¾- .08
leaded, 5%, bgs., c.l., dlvd..lb. .06½- —
l.c.l., dlvd., except ex whse., Pac. cst.lb. .06⅝- —
bbls., c.l., dlvd....lb. .06⅜- —
l.c.l., dlvd., except Pac. cst..lb. .06⅝- —
ex whse., Pac. cst.lb. .06⅝- —
35%, bgs., c.l., dlvd.lb. .0590- —
l.c.l., dlvd., except Pac. cst..lb. .0615- —
ex whse., Pac. cst. lb. .0615 - —
bbls., c.l., dlvd....lb. .0615- —
l.c.l., dlvd., except Pac. cst..lb. .0640- —
ex whse., Pac. cst. lb. .0640- —
50%, bgs., c.l., dlvd. lb. .0592- —
l.c.l., dlvd., except Pac. cst..lb. .0617- —
ex whse., Pac. cst.lb. .0617- —
bbls., c.l., dlvd.....lb. .0617- —
l.c.l., dlvd., except Pac. cst..lb. .0642- —
ex whse., Pac. cst.lb. .0642- —
French process, com'l lead-free, bgs., c.l., dlvd. lb. .06¼- .07½
l.c.l., dlvd., except Pac. cst..lb. .06½- .07¾
ex whse., Pac. cst.lb. .06½- .07¾
bbls., c.l., dlvd.....lb. .06½- .07¾
l.c.l., dlvd., except Pac. cst..lb. .06¾- .09
ex whse., Pac. cst.lb. .06¾- .09
green seal, bgs., c.l., dlvd., lb. .08 - —
l.c.l., dlvd., except Pac. cst..lb. .08¼- —
ex whse., Pac. cst..lb. .08¼- —
bbls., c.l., dlvd.....lb. .08¼- —
l.c.l., dlvd., except Pac. cst..lb. .08½- —
ex whse., Pac. cst..lb. .08½- —
red seal, bgs., c.l., dlvd. lb. .07½- —
l.c.l., dlvd., except Pac. cst..lb. .07¾- —
ex whse., Pac. cst..lb. .07¾- —
bbls., c.l., dlvd.....lb. .07¾- —
l.c.l., dlvd., except Pac. cst..lb. .08 - —
ex whse., Pac. cst..lb. .08 - —
white seal, bgs., c.l., dlvd., lb. .08½- —
l.c.l., dlvd., except Pac. cst..lb. .08¾- —
ex whse., Pac. cst..lb. .08¾- —
bbls., c.l.....lb. .08¾- —
l.c.l., dlvd., except Pac. cst..lb. .09 - —
ex whse., Pac. cst..lb. .09 - —
Zinc oxide, import, gold seal, cks., ex whse..lb. .13 - .14
green seal, bbls., ex whse., lb. .10 - —
white seal, cks., ex whse., lb. .11 - .12¼
USP, bbls., c.l.....lb. .09½- —
Palmitate, bbls.....lb. .23 - .25

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Bargaining for Political Ends

If the negotiation of a tariff bargain between the United States and the United Kingdom is carried to completion—the matter is still in the realm of doubt—the effective influence will be political, more than economic. This view is accepted everywhere that it is relevant, except in the United States, where the Department of State stands almost alone in its consideration of the attempted bargain as most desirably a contribution to world peace and international amity.

In an economic sense the general British conception of the contemplated bargain is largely confusion. It is said that, in the event the bargain is completed, the United Kingdom will benefit from the buying of ships from British builders. It is declared, almost simultaneously, in the House of Commons that the government is "allowing the British merchant marine to be swept off the seas," stress being laid on a declaration that the United States is building seventy ships in British yards—and two or three days later newspapers report that two American steamships have been transferred to British ownership!

British industrialists contend that the United States will buy in the United Kingdom only special goods, which cannot be expected to add $1,000,000 to British exports. About the same time a British business periodical reports the purchase for a Pennsylvania coal mine of a complete preparation and handling plant for dealing with coal from the coalface to river barges. And American steel and machinery plants are working on seriously short time!

A bigger market for agricultural products is generally said to be one of the major desires of the United States with respect to a tariff bargain with the United Kingdom. This is a field in which British dominions have an important interest, but the dominions are said to be reconciled to the economic effects of the bargain, because of the political advantages. Politics makes strange bed manners.

To the man in Main Street bargaining directed to the promotion of mutually more productive relations among the agricultural and other industrial groups in the United States seems to be more desirable than bargaining to improve the political relationships of Europe.

Capital Is Not Coy

In spite of the excuses to be found in the changes made in the surplus profits and capital gains taxes, there is something about the avidity with which the investment market took the recent offering of more than eighty millions of dollars' worth of the securities of a large petroleum corporation that deepens the doubt which some have all along had with reference to the validity of the charges that private capital had been scared into its hole. This doubt was always supported by lack of data showing that any offer of meritorious industrial securities had flopped.

The oil company sold its securities at a sales cost of about 2.5 percent. That is doing pretty well in an uninterested market. There are, at least, a few sales managers in every line of business who would be pleased with such a low selling cost even in boom times. It seems reasonable to believe that anything worth buying can still be sold by trying.

—O-P-D—

Tax Problem Not Simple

Many of those who, individually or in organizations, are interesting themselves earnestly in a purpose of correcting the faults of the system of multiple taxation which applies in this country, appear to be unable to find a better statement of their objective than "Tax rates should be lowered." Those who have been laboring in this field in recent years find, with some justification, a source of pride in having helped to effect reductions in certain Federal tax rates. Of what real value this achievement can be in the face of forecasts of the biggest ever Federal deficit it is difficult to understand.

Fairer tax rates, rather than merely lower tax rates, is the desirable objective of efforts for tax reform. The mere lowering of existing tax rates can mean only that new tax bases must be found—and the aggregate burden will not be lighter or more equitable. Reduction of tax rates, even with the concomitant addition of new taxes, will not produce the expanse and depth of tax-consciousness that are essential to the fundamental reform—the equitable and efficient use of governmental revenue. Those who, in ever-increasing number, are bent on being benefited by governmental assistance must be made to bear their full share of the consequent tax burden in a form which they cannot avoid recognizing.

It is not to be denied that certain Federal taxes are objectionable; but no two groups of those essaying tax reforms are in agreement on which taxes are in this category. This lack of unity of attitude is unavoidable because the greatest endeavor for tax revision is still in the direction of shifting, rather than lightening, the tax burden. Road associations and motorists' organizations keep right on fighting each other over the rate of the gasoline tax while tax-users continue to divert this revenue from road work.

Tax reformers are fighting for a reduction in income surtaxes. Congress, in its next session, is going to give serious consideration to a broadening of the income tax base and the imposing of new processing taxes, under the necessity of financing governmental subsidies and governmental usurpation of inadequately perform functions of private enterprise.

Lower tax rates, because the tax problem is not so simple as all that, will mean more taxes, not all of which will fall only upon the "other fellow." Fairer taxes—more equitably imposed and less prodigally disposed of—are more desirable to be sought. The job of finding them belongs to business as a whole—ownership, management, and wage-earner, backer, producer, distributor, and consumer—working together and playing fair.

—O-P-D—

Who Doesn't Like It

Leaders in steel management and leaders of steel workers have denied that it is purposed to cut wages in order to make good on the recent reduction in steel prices. Rumors of such a purpose were in wide and common circulation. Could it be that an enemy was sowing tares? If so who would it be—and why?

That is a question which might appropriately have the careful attention of the commission currently engaged in investigation of the monopolistic situation. Getting the answer might help to discover the fantastic nature of much of the loose talk about the malevolence of big business. It might also discover why the harmonizing of employer-employee relations makes slow progress. That would be a discovery of inestimable benefit.

—O-P-D—

And It Costs Nothing Extra

New materials in the category of chemicals, oils, and drugs are coming into industrial use continuously. Long-known materials of this category are being applied in new processes with equal frequency. And taking progress in this connection as a whole, it is difficult to say which of the two developments contributes the more.

Both the introduction of new materials and the discovery of new applications are of intense interest to many industrial users of chemicals, oils, and drugs; having or lacking adequate knowledge of such developments may mean the difference between maintenance or loss of a business, no matter how firmly founded it may have been. When progress by-passes a business, those on whom it has relied for existence are very likely to follow the new road.

With respect to new materials, whether their newness is in their own discovery or in that of applications, two bits of information are highly necessary. To know whether a new material will fit into a program or an operation it is necessary to know, in addition to the technical relationship, how much the new article costs. To furnish information in this respect is one of the primary functions of the Oil, Paint and Drug Reporter. It is also necessary to know, before the adoption of a new material can be completed, where to get it in the volume that will be required. To the furnishing of this information is devoted quite efficiently the Green Book directory which the Reporter publishes every year.

The finishing touches are now being put on work of publishing the Green Book for its twenty-sixth year. The forthcoming edition will retain the "family looks," but it will have a deal of additional knowledge stored up in it—information on sources of new materials and on new sources of older materials; an additional list of trade-names and brand names; statistical data on imports and exports. It will be a handbook of knowledge still more useful and valuable than were its many predecessors. But, it will not be any more costly: the policy of giving the Green Book without additional cost to paid-up subscribers for the Reporter will be continued.

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Heavy Chemicals

Broadening in Buying from Leather and Textile Industries—Soda Pyrophosphate Revised—Selenium Sharply Lower—Calcium Arsenate and Soda Arsenite in Heavy Demand

Movement of industrial chemicals continued at a moderate pace last week. Basic consuming industries were not inclined to alter the policy of ordering for nearby requirements. Improved textile mill operations, and a broadening in the demand from leather and tanning interests provided the only tangible bright spots at this time. While seasonal influences restricted movement in manufacturing consuming lines, seasonal chemicals such as refrigerants, water treating chemicals and arsenicals were showing a comparatively normal movement. Changes in the market included lower quotations for ammonia silicofluoride, selenium and soda pyrophosphate; higher quotations were recorded for Straits tin and anhydrous tetrachloride of tin.

News of the reopening of cotton textile plants in New England and the South confirmed reports of increasing mill operations. The general improvement in shoe volume was confirmed by leading interests. As a result some improvement was reported for chemicals entering these industries. Glaubers salts, ammonia and potash alums, soda ash, caustic soda, acetic, formic, gallic and lactic acid were reported to be in slightly better demand.

Soda pyrophosphate schedule was revised downward, and quotations were listed on an f.o.b. works basis, freight equalized at producing points as compared with delivered prices previously in certain New England and middle Atlantic states. Ammonia silicofluoride was fractionally lower. Selenium was sharply reduced. Tin salts held steady, and a fractional advance was reported for anhydrous tetrachloride of tin. Blue vitriol was active and firm. Barium salts were spotty. Calcium chloride continued in good demand. Chlorine displayed a good interest. Copperas was still in short supply. Cyanides were dull. Calcium arsenate, soda arsenate and arsenite featured the agricultural insecticide division, with the heaviest movement in several years reported as the result of boll weevil and grasshopper infestations.

Alums.—A steady to firm tone governed the dealings in the market for the various alums. Ammonia and potash alums were in farly good demand with the paper, tanning and leather industries providing a steady interest. Commercial and iron-free alumina sulphate continued to display an active interest from the paper trade and for water purification purposes.

Ammonia, Anhydrous.—Demand for refrigerating purposes showed normal seasonal consumers coming in the market for fair-sized quantities. Prices were without alteration. May exports amounted to 213,918 pounds, valued at $22,896, of which 68,610 pounds went to Canada; 56,996 pounds to Mexico, 15,045 pounds to Cuba; 10,000 pounds to the Philippine Islands, and 11,272 pounds to Liberia.

Ammonia Silicofluoride.—Price schedule was revised fractionally downward; 350 pound barrels were 9c. per pound and five barrels at 8½c. per pound, f.o.b. New York. The call for disinfectant purposes was quiet.

Ammoniac, Sal.—With the battery trade displaying little interest, the market remained a dull affair throughout the past week. Quotations for the white and gray material were without change.

Antimony.—With the demand from the automobile industry affected by seasonally low operating schedules, the demand for antimony showed no improvement from the quiet conditions prevailing in the market for the past several weeks. Quotations were unaltered.

Barium Salts.—Quotations for the various barium derivatives were steady last week. Not a great deal could be said about the demand, with spotty conditions prevailing for barium carbonate, chlorate, chloride and dioxide, reflecting irregularity in the operations of major consuming interests.

Blue Vitriol.—The market was firm last week. Sellers report a continuance of an active demand in the market for horticultural and water purification purposes; the export market displayed a good tone. Prices were unchanged. May exports aggregated 2,491,635 pounds, valued at $92,380, of which 110,760 pounds went to Canada; 800,000 pounds to Guatemala; 1,240,000 pounds to Honduras; 147,900 pounds to Mexico; 80,000 pounds to Jamaica; 20,000 pounds to Haiti; 67,100 pounds to Argentina, and 12,790 pounds to the Philippine Islands.

Calcium Chloride.—With the season for dust control work retarded in the early part of the previous month by rain and cool weather, sellers report a good demand from many sections. Other consumers were showing a fair interest in the market. Price schedules remain unchanged.

Carbon Dioxide. — Shipments were moving at a brisk pace for refrigerating purposes, with large consumers making their appearance quite regularly. Other consumers were showing a good interest in the market, too. A steady to firm tone prevailed.

Carbon Tetrachloride.—Official price schedules were without alteration. Sellers could point to a fairly broad inquiry for moderate amounts from various consuming channels.

Chlorine.—The market showed a good interest from large consumers such as the paper trade. Demand for water purification and sanitation purposes was holding up well. Some interest was attached to the announcement last week that formal ratification by administrative agencies of New York, New Jersey, Pennsylvania and Delaware of a reciprocal agreement for correction and control of polluted water has been completed by the interstate commission on the Delaware River Basin. May exports totaled 1,041,670 pounds, valued at $24,357, of which 959,870 pounds went to Canada; 38,200 pounds to Mexico, and 15,000 pounds to Cuba.

Copper.—Domestic copper experienced only a moderate demand, compared with the activity in the preceding weeks. Price was steady at the 9¾c. level. Business in the foreign market was irregular, price fluctuating between 9.57c. to 9.79c. per pound. Favorable statistics for the month of June showed world stock of refined copper decreased 2,861 tons, totaling 551,495 tons, compared with 554,356 tons at end of May. Stocks of refined copper in the domestic market at the end of June totaled 358,971 tons, against 369,809 tons at end of May, a decrease of 10,838 tons. Foreign stocks of refined copper increased 7,978 tons during June, totaling 192,524 tons on hand at the end of May. World apparent consumption of copper during June totaled 145,393 tons, against 136,567 tons in May, a gain of 8,826 tons. World production in June, including primary, custom smelter and secondary totaled 143,812 tons, against 156,211 tons in the preceding month.

Copper Salts. — A steady tone pre-

Price Changes

Prices were changed during the past week as follows:—

Advanced

Straits tin, ¼c. per lb.
tetrachloride, anhy., ¼c. per lb.

Reduced

Ammonia, silicofluoride, ½c. per lb.
Selenium, pwd., A, 25c. per lb.
Soda pyrophosphate, anhy., c.l., works, $2.10 per 100 lbs.

Comparative Values

Index numbers compiled from twelve typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
149.1	149.1	149.0	154.4

Index numbers compiled from twelve typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.6	99.6	99.6	99.8

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

vailed in the market for the various copper derivatives. Demand for copper carbonate, chloride, cyanide and oxides of copper were for small quantities in most instances.

Copperas. — Demand was sufficient to absorb the small quantities available, and a firm tone ruled in this direction throughout the past week. Steel operations were scheduled at 32.3 percent of capacity, compared with 22.4 percent a week ago, and 82.7 percent in the corresponding month a year ago.

Glauber's Salt.—Sellers could point to some improvement from the textile industry, while other consumers displayed a moderate interest in the market. Quotations remained unaltered.

Lime. — Business in the market for chemical lime was only fair, while the demand from various consumers was holding up well, it was pointed out the shipments were confined to smaller quantities than normally. Price schedules were well maintained at previous levels.

Methyl Chloride. — Only a moderate interest was uncovered in this direction, reflecting to some degree the reduced production schedules in the refrigeration industry. Price schedules were without change.

Potash Carbonate.—The call for this material was held to moderate quantities from principal consuming channels. The glass and soap industry provided the major interest in this direction. Prices were steady to firm.

Potash Cyanide. — Quiet conditions characterized dealings in the market. Usual consumers were limiting withdrawals to small amounts. Prices were in conformity with the preceding period.

Potash, Caustic.—A better inquiry was uncovered from some textile consuming channels, with mill operations stepped up in some territories and plants reopened after long shut downs. Prices were without change.

Selenium.—Prices were reduced 25c. per pound, making the powdered material in 10-pound tins $2 per pound, and 100-pound cases $1.75 per pound. Demand continued dull.

Soda Ash.—Business was along fair lines, with a better inquiry reported from some textile centers. Other consumers were making commitments commensurate with current production requirements. May exports aggregated 16,031,147 pounds, valued at $203,003, of which 747,155 pounds went to Canada; 2,540,712 pounds to Mexico; 217,200 pounds to Dominican Republic; 703,000 pounds to the Netherland West Indies; 8,304,959 pounds to Argentina; 503,494 pounds to Brazil; 1,505,688 pounds to British India; 447,986 pounds to China; 467,930 pounds to Turkey, and 159,958 pounds to New Zealand.

Soda Bicarbonate.—A steady demand was reported from the food and beverage trades. Quotations were well maintained at previous levels. May exports were 1,886,946 pounds, valued at $28,765, of which 1,069,722 pounds went to Canada; 156,607 pounds to Mexico; 330,660 pounds to Argentina; 73,679 pounds to Colombia; 45,880 pounds to Venezuela; 85,285 pounds to the Philippine Islands, and 47,250 pounds to the Union of South Africa.

Soda, Caustic.—Demand for the paper and water softening consumers was holding up comparatively well, while some broadening in the demand from textile industry commenced to make its appearance. May exports amounted to 17,585,135 pounds, valued at $378,704, of which 931,630 pounds went to Canada; 3,836,175 pounds to Mexico; 592,286 pounds to Cuba; 961,600 pounds to the Netherland West Indies; 5,637,900 pounds to Argentina; 1,874,000 pounds to Brazil; 672,337 pounds to China; 539,075 pounds to the Netherland Indies; 909,737 pounds to Hongkong; 521,917 pounds to the Philippine Islands, and 245,502 pounds to Turkey.

Soda Cyanide.—Lack of interest from the electroplating and metallurgical trades gave the market little support, and business was held to small proportions in the majority of cases. Prices ruled firm. May exports totaled 97,017 pounds, valued at $12,586, of which 1,376 pounds went to Finland; 6,025 pounds to Canada; 24,130 pounds to Mexico; 32,942 pounds to Argentina; 2,159 pounds to Chile; 15,680 pounds to Peru, and 14,450 pounds to the Philippine Islands.

Soda Phosphate. — Business in the market was holding fairly steady. Principal interest in the market was provided by the leather tanning, dyestuff, bottling and laundry trades. Price schedules at the works were without change. May exports aggregated 740,384 pounds, valued at $29,779, of which 11,000 pounds went to the Netherlands; 279,300 pounds to the United Kingdom; 344,040 pounds to Canada; 3,250 pounds to Other British West Indies; 2,424 pounds to Cuba; 12,540 pounds to Argentia; 15,075 pounds to Colombia; 2,356 pounds to Venezuela; 50,308 pounds to Australia, and 5,200 pounds to New Zealand.

Soda Pyrophosphate. — Quotations have been revised downward and the new schedule follows:—Car lot, bags, $5.90 per 100 pounds; barrels, $6.10 per 100 pounds; 10,000 pounds or over, bags, $6.25 per 100 pounds, barrels, $6.45 per 100 pounds; less than 10,000 pounds, bags, $6.90, barrels, $7.10 per 100 pounds. Prices are on an f.o.b. works basis, freight equalized with producing points. Business for bleaching, dyeing and electroplating purposes was quiet.

Soda Silicate.—A fair interest was displayed from the paper trade, with the corrugated paper box industry taking fair size quantities, other consumers likewise were showing a moderate interest in this direction. Prices remain unchanged. May exports totaled 1,212,918 pounds, valued at $19,241, of which 815,756 pounds went to Canada; 63,666 pounds to Cuba; 76,639 pounds to Argentina; 60,318 pounds to China, and 100,500 pounds to the Philippine Islands.

Soda Stannate.—A steady tone prevailed in the market throughout the week, and prices were maintained at the levels established late last week. Business was described as moderate in most instances.

Tin Salts.—Price for anhydrous tetrachloride of tin advanced fractionally to 22c. per pound. Other tin derivatives were unchanged. Tin oxides was 48c. to 50c. per pound; tin crystals 34½c. to 35c. per pound, and Straits metal was quoted at 43c. per pound.

Acids

Demand for mineral acids continued moderate throughout the past week. Improvement in the textile industry began to make its appearance to a slight degree in some acids. While the demand was not considered heavy from this source, it was expected to gain momentum later in the Summer. Price schedules in all instances were well sustained. Statistics on sulphuric acid production for May by 56 fertilizer manufacturers shows total production of 137,764 tons, compared with 143,469 tons during April. May consumption by fertilizer manufacturers amounted to 119,218 tons, against 110,496 tons in the preceding month.

Acetic.—The market showed signs of receiving better support from the textile trade, with the announcement of mill reopenings in some sections. While the demand could be termed as generally moderate, the outlook in some major consuming lines seemed much brighter. Price schedules were unaltered.

Formic. — A better inquiry was uncovered in some directions, with a broader inquiry reported for some textile consumers. Prices were in conformity with the previous period.

Gallic.—Improvement in textile operations began to make its appearance to a modest degree, and sellers were anticipating better support from this industry later in the Summer. No change was reported in the prices.

Lactic.—The leather tanning and textile trades showed a more active interest in the market than in recent weeks. Prices ruled steady.

Muriatic.—A fair buying interest was recorded in some quarters for moderate quantities; quotations remained unaltered. May exports totaled 195,053 pounds, valued at $3,685, of which 11,484 pounds went to Canada, 36,270 pounds to Guatemala, 48,955 pounds to Honduras, 62,972 pounds to Cuba, 6,975 pounds to Haita, and 8,620 pounds to Bolivia.

Nitric.—A better inquiry from some consumers, particularly the steel trade, was reported, although commitments were held to modest quantities. Price schedules were unaltered.

Oxalic. — Sellers report some large consumers were coming in the market for fair-sized quantities, while the general demand from the many consuming channels was reported as holding up quite well.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

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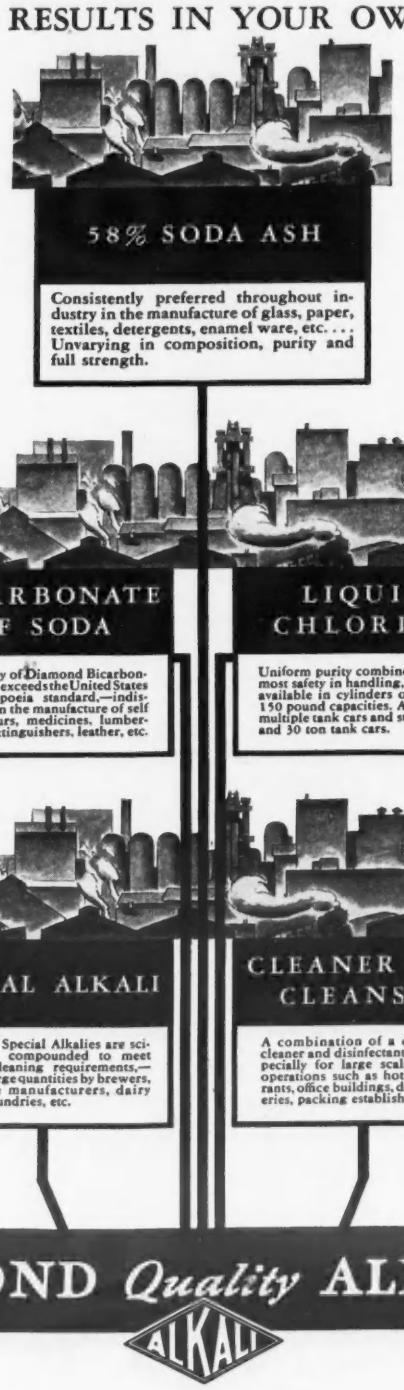
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Diamond Special Alkalies are scientifically compounded to meet special cleaning requirements,—used in large quantities by brewers, beverage manufacturers, dairy plants, laundries, etc.
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A combination of a detergent, cleaner and disinfectant. Made especially for large scale cleaning operations such as hotels, restaurants, office buildings, dairies, bakeries, packing establishments, etc
HI-TEST ALKALI
An exceptionally efficient and economical bottle-washing alkali made in flake form . . . eliminating dust. Assures long lasting solutions and thoroughly clean, sparkling bottles.
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Sulphuric.—The market continued to reflect the low operating schedules in principal consuming industries. Seasonal reduced operating schedules limited the demand in several quarters, although the textile industry gave definite indications of broadening their demand, with mills reported reopening in many sections after long shut-downs. Quotations in all instances were well sustained. Statistics reported by 56 fertilizer manufacturers for May, 1938, released by the Department of Commerce, shows production by fertilizer manufacturers amounted to 137,764 tons, receipts to 36,511 tons, consumption by reporting manufacturers to 119,218 tons, shipments to 61,341 tons, and stocks on hand at the end of the month to 87,120 tons. This compares with April production of 143,469 tons; receipts, 29,825 tons; consumption by reporting manufacturers, 110,496 tons; shipments, 62,063 tons, and stocks on hand at end of April to 93,494 tons.

Baltimore, July 13.—The market for sulphuric acid did not undergo any changes of consequence during the last week, with the demand about as was to have been expected, while the outlook for an increase in requirements appeared to be slightly better by reason of the expansion in the steel output. There appeared to be little or no change in the needs of the fertilizer trade, which continues to reflect the extreme quiet that has prevailed in the industry for weeks and that is not likely to show any marked departure at least during the current month. Producers of acid adhere to their quotations of $12 per ton for 60 degree and of $15 per ton for 66 degree acid. Oleum is in much the same position, with the figures named around $17 per ton for 20 percent supplies, both pyrites and brimstone.

Insecticides

The market for agricultural insecticides and fungicides was featured by heavy withdrawals of calcium arsenate, soda arsenate and arsenite. Demand for calcium arsenate from the Southeast cotton belt was the heaviest in years as the result of the lateness of the cotton crop and weather conditions, which were favorable to multiplication of boll weevils. Invading leaf worms were another hazard, and efforts were being made to prevent them from spreading over the entire belt. The active interest for soda arsenate and arsenite could be attributed to the infestation of grasshoppers in the farm and range land of twenty-four Western states.

Thousands of volunteers and government workers from WPA, the CCC and the Department of Agriculture will wage an intensive battle with $3,000,000 worth of poison bait this month against hordes of grasshoppers. The campaign will be waged in Arizona, Arkansas, California, Colorado, Idaho, Illinois, Iowa, Kansas, Michigan, Minnesota, Missouri, Montana, Nebraska, Nevada, New Mexico, North Dakota, Oregon, South Dakota, Texas, Utah, Washington, Wisconsin and Wyoming. This year's infestation is the worst in many years, according to experts, the area needing treatment running between 30,000,000 and 35,000,000 acres. Sodium arsenate and arsenite mixed with sawdust, bran and molasses, which is spread on the ground at the rate of ten pounds to the acre, either in the line of march or directly through the grasshopper army. The average kill is between 60 and 90 percent.

Calcium Arsenate.—Demand from the Southeast was reported as the heaviest in several years as the result of the lateness of the cotton crop and weather conditions, which were favorable to multiplication of boll weevils. Invading leaf worms were reported hatching in large numbers, and efforts were being made to prevent them from spreading over the entire belt. Price schedules remain unchanged.

Soda Arsenate.—Demand for this material was considerably enhanced by this year's infestation of grasshoppers in the farm and range land of twenty-four Western states. Prices were steady to firm.

Soda Arsenite.—This year's grasshopper plague was bringing about an active call for this product. According to experts the area needing treatment running between 30,000,000 and 35,000,000 acres. Sodium arsenite mixed with wheat bran and three parts sawdust was being used quite effectively.

Tricolor Paint Company, Los Angeles, Calif., plant was damaged by fire, amounting to $20,000 July 3.

Synthetic Chemicals Output: 1937

The United States production and sales of certain miscellaneous synthetic chemicals products in 1937, as reported by the Tariff Commission, follow:—

Of Coaltar Origin

	Production. Pounds.	Sales Pounds.	Sales Value.	Unit value.
Photographic chemicals—				
Hydroquinol	1,220,253	1,133,139	816,337	$0.72
Methyl p-aminophenol sulfate (metol) (rhodol)	205,987	.....	.....	...
All other	335,961	310,616	699,990	2.25
Phthalates—				
Dibutyl	6,963,625	5,760,967	986,295	.17
Diethyl	1,288,491	1,106,939	193,426	.17
All other	6,830,324	6,414,912	1,316,593	.20
Textile chemicals:—Total	2,976,622	2,848,664	747,150	.26
Totals	42,291,554	36,322,184	$8,023,340	$0.22

Of Non-Coaltar Origin

Acetic anhydride (from all sources) (100% purity)	177,488,353	.....	.....	...
Acetin (mono, di, tri)	144,152	130,080	40,378	.31
Acetone	124,012,187	68,772,268	3,586,971	.05
Amyl acetates, total	.....	11,796,710	1,236,678	.10
Amyl alcohols, total	14,205,997	.....	.....	...
Butyl acetates, total	76,352,160	62,167,685	5,382,888	.09
Butyl alcohols, total	124,464,656	40,806,856	3,322,689	.08
Carbon tetrachloride	84,112,245	74,417,244	3,046,448	.04
Chloroform (tech. and U.S.P.)	2,657,167	1,948,656	335,437	.17
Diacetone alcohol	3,063,136	.....	.....	...
Dibutyl tartrate	22,058	.....	.....	...
Ethyl acetate (85% purity)	63,971,921	44,339,330	2,910,222	.07
Gallic acid, tech	263,756	.....	.....	...
Isopropyl alcohol (isopropanol)	131,462,298	.....	.....	...
Isopropyl ether	3,978,267	.....	.....	...
Lactic acid—edible	927,329	883,961	195,855	.22
Methanol (synthetic)	.....	125,313,631	4,827,626	.04
Methyl chloride (chloromethane)	3,404,079	3,374,955	1,074,665	.32
Oxalic acid	10,247,541	9,605,180	1,030,137	.11
Pyrogallic acid (pyrogallol)	115,027	99,812	118,614	1.19
Totals*	2,499,279,901	1,146,173,974	$110,280,869	$0.10

* Includes noncoaltar rubber chemicals.

Organic Coatings On Metals Discussed

—Continued from page 5

In discussing this paper, Dr. F. N. Speller, director of the department of metallurgy and research of the National Tube Company, pointed out that the problem of metal preparation is now considered more important relatively than the kind of paint applied and is receiving more attention. Since the surface formed by metal films is one that usually has to be taken into consideration, it is fortunate that much is known about surface films mainly from work done on corrosion, and in many cases they can be formed so well as to improve paint adherence materially.

Mr. Schuh gave results indicating that, of the several materials tested, asphaltic coating had the least initial permeability to water. Doctor Speller pointed out that this was interesting in view of the large amount of coaltar and asphaltic paint used as primer. He indicated that single coats of either of these primers usually give protection for two or three months in corrosive air.

Crown Drug Company sales for June amounted to $695,854, against $693,622 in June last year.

Trade Briefs

Solvay Sales Corporation, a subsidiary of the Allied Chemical & Dye Corporation, will relocate its St. Louis, Mo., branch office July 18, of which M. S. Johnson is manager. The new address is 3615 Olive street.

Soap manufacturers in the Philippine Islands have been listed by the Bureau of Foreign and Domestic Commerce, Washington, D. C. The list is available to accredited American firms at ten cents a copy.

United States Bureau of Mines will erect a mining experiment station adjacent to the University of Utah, Salt Lake City. An allotment of $300,000 has been made by the Public Works Administration for its erection.

Sulphuric acid production in Belgian Congo increased from 7,150 metric tons in 1936 to 11,650 tons in 1937. Almost all the sulphur consumed in this manufacturing and for other purposes is imported from the United States.

American Institute of Chemical Engineering, Maryland section, made an inspection trip July 12 of the Edgewood Arsenal, Aberdeen, Md. The thirty-two members of the institute, after having lunch at the Officers' Club, watched students of the field officers' class demonstrate chemical warfare weapons.

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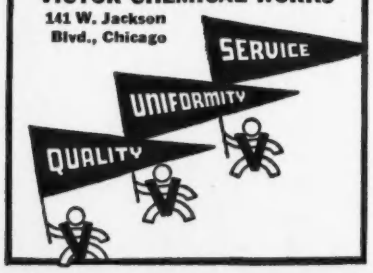

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2-Betanaphthyl-6-methyl-thiolquinolin Ethiodide

Dye

Process material (Brit. 454687) in making—
Cyanin dyes

Bis-3-hydroxyphenylamine

Chemical

Starting point in making—
Intermediates and other derivatives

Cosmetic

Ingredient (Brit. 358508) of—
Cosmetic ointments
Dentifrices

Disinfectant

Ingredient (Brit. 358508) of—
Compositions used for disinfecting plants and seeds
Germicidal preparations containing also petrolatum, glycerin, paraffin, soap, talc, woolfat, waxes, and other ingredients

Insecticide

Ingredient (Brit. 358508) of—
Compositions, containing also paraffin, petrolatum, glycerin, talc, soap, waxes, woolfat, and other ingredients, used for treating domestic animals to remove pests
Insecticidal and fungicidal preparations containing also paraffin, petrolatum, glycerin, soap, talc, woolfat, waxes, and other ingredients

Miscellaneous

Ingredient (Brit. 358508) of—
Preparations containing also paraffin, petrolatum, talc, soaps, waxes, woolfat, and other ingredients used for the treatment of catgut and other articles to preserve them
Preservatives for treating skins
Preservatives for various products
Special polishing compositions

Oils, Fats, and Waxes

Ingredient (Brit. 358508) of—
Antiseptic wax preparations

Textile

Ingredient (Brit. 358508) of—
Compositions, containing also paraffin, petrolatum, glycerin, soaps, talc, waxes, and woolfat, used for the treatment of fabrics in order to preserve them

Wood

Ingredient (Brit. 358508) of—
Compositions used for preserving wood

Caproic Acid Chloride

Chemical

Starting point (Brit. 453778) in making—
Emulsifying agents by sulphonating products of its reaction with benzene, toluene, xylene, diphenyl, phenanthrene, naphthalene, or tetrahydronaphthalene

Lubricant

Starting point (Brit. 453778) in making—
Lubricants with benzene, toluene, xylene, diphenyl, phenanthrene, naphthalene, or tetrahydronaphthalene

Dibenzyl Disulphide

Petroleum

Antioxidant and stabilizer (Brit. 462146) for—
Highly refined mineral oils
Lubricating oils which have been treated with sulphuric acid in the refining process
Viscous transformer oils

3:5-Dinitrometa-anisidin

Chemical

Starting point in making—
Synthetic organic chemicals

Dye

Starting point (Brit. 319390) in making azo dyestuffs with—
Acetoacetic alphanaphthylide
Acetoacetic anilide
Acetoacetic anisidide
Acetoacetic ester
Acetoacetic naphthylide
Acetoacetic phenetidide
Acetoacetic toluidide
Acetoacetic xylidide
Aliphatic derivatives of anilin
Alkylnaphthylamines
Alkylanilins
Allylnaphthylamine
Alpha-amino-2-ethoxynaphthalene
Alpha-aminonaphthol
Alphanaphthylamine
Amylanilin
Amylnaphthylamine
Anilin
Butylanilin
Butylnaphthylamine
Ethylanilin
Ethylnaphthylamine
Methylanilin
Methylnaphthylamine
4-Nitro-1:3-phenylenediamine
Omegaoxyethylalphanaphthylamine
Orthoaminophenol
Para-aminophenol
Parachlorobetaoxypropylalphanaphthylamine
Propylanilin
Propylnaphthylamine
Pyrazolones

Heptyl Dichlorostearate

Lubricant

Addition agent (Brit. 459719 and 422956) in—
Hydrocarbon lubricating oils
As a lubricant (Brit. 459719 and 422956)

Lead Phthalate

(Phtalate de Plomb, Phtalsauresblei)

Paint and Varnish

Pigment (Brit. 455762) in—
Paints, varnishes, enamels, lacquers, and the like
Starting point (Brit. 455762) in making—
Pigment compositions

Methyloleylaminomethyl-salicylic Acid

Chemical

Dispersing agent (Brit. 446813 and 446737) in making—
Emulsions and dispersions of various chemicals
Emulsions of hydrocarbons of various groups of the aliphatic and aromatic series
Terpene emulsions
Wetting compositions in emulsified form
Starting point in making various derivatives

Cosmetic

Dispersing agent (Brit. 446813 and 446737) in making—
Creams in emulsified form
Emulsified shampoos
Lotions
Latherless shaving creams
Various emulsified perfumes and cosmetics

Disinfectant

Dispersing agent (Brit. 446813 and 446737) in making—
Emulsified germicides and deodorizing preparations

Dye

Dispersing agent (Brit. 446813 and 446737) in making—
Color lakes in emulsified form
Dye preparations in emulsified form

Fats, Oils, and Waxes

Dispersing agent (Brit. 446813 and 446737) in making—
Boring oils
Drilling oils
Emulsions of natural or synthetic waxes
Emulsions of various animal and vegetable fats and oils
Greasing compositions in emulsified form
Lubricating compositions containing vegetable or animal fats and oils
Solvents for fats in emulsified form
Wetting compositions containing oils in emulsified form
Wire-drawing oils in emulsified form

Ink

Dispersing agent (Brit. 446813 and 446737) in making—
Printing inks Writing inks

Insecticide

Dispersing agent (Brit. 446813 and 446737) in making—
Insecticidal preparations in emulsified form
Vermin exterminators in emulsified form

Leather

Dispersing agent (Brit. 446813 and 446737) in making—
Emulsified dressing compositions containing also shellac, gums, resins, fats, and oils, and other materials
Emulsified fat-liquoring baths
Emulsified finishing compositions
Emulsified soaking compositions containing also neatsfoot oil or other oils
Emulsified waterproofing compositions

Miscellaneous

Dispersing agent (Brit. 446813 and 446737) in making—
Automobile polishes
Cleansing compositions containing soaps
Compositions for cleansing painted and metal surfaces
Degreasing and greasing compositions in emulsified form
Detersive and scouring compositions
Furniture polishes in emulsified form
Metal polishes in emulsified form
Scouring compositions for woodwork, linoleum, rugs, and the like
Shoe creams and polishes in emulsified form
Waterproofing compositions in emulsified form for treating various fibrous and other compositions of matter

Oilcloth and Linoleum

Dispersing agent (Brit. 446813 and 446737) in making—
Coating compositions

Paint and Varnish

Dispersing agent (Brit. 446737 and 446813) in making—
Asphaltic paints and varnishes
Emulsified paints and varnishes
Pigment emulsions
Shellac emulsions
Waterproofing compositions in emulsified form

Paper

Dispersing agent (Brit. 446813 and 446737) in making—
Emulsified preparations used for the treatment of paper and pulp products
Sizing compositions in emulsified form, containing also rosin, casein, starches, and the like
Waterproofing compositions in emulsified form
Waxing compositions in emulsified form

Petroleum

Dispersing agent (Brit. 446813 and 446737) in making—
Emulsified cutting oils for lathe and screwpress work
Emulsions containing petroleum or heavy petroleum distillates
Kerosene emulsions
Naphtha emulsions
Soluble greases in emulsified form
Soluble oils in emulsified form for lubricating textile machinery
Various emulsified textile oils

Resins

Dispersing agent (Brit. 446813 and 446737) in making—
Emulsions of natural or synthetic resins

Rubber

Dispersing agent (Brit. 446813 and 446737) in making—
Rubber compositions in emulsified form
Special emulsified preparations used for coating, protecting, decorating, and other surface-treating of rubber articles

Soap

Dispersing agent (Brit. 446813 and 446737) in making—
Hand-cleansing compositions in emulsified form
Various emulsified cleansing compositions
Various emulsified scouring compositions

Stone

Dispersing agent (Brit. 446813 and 446737) in making—
Compositions for treating natural and artificial stone

Textile

Dyeing

Ingredient (Brit. 446813 and 446737) of—
Dye baths in emulsified form (used as an assistant in dyeing various yarns and fabrics)

Finishing

Dispersing agent (Brit. 446813 and 446737) in—
Dressing compositions in emulsified form
Emulsified coating compositions
Emulsified finishing compositions
Emulsified impregnating compositions
Emulsified sizing compositions
Washing compositions in emulsified form

Manufacturing

Dispersing agent (Brit. 446813 and 446737) in—
Dispersions used for carbonizing of wool
Dispersions used in fulling operations
Dispersions used for degreasing raw wool
Dispersions used for washing wool
Emulsified preparations for degumming silk
Emulsified mercerizing baths
Emulsified milling compositions
Emulsions used for kier boiling cotton
Emulsions used for soaking silk
Oiling emulsions for treating fabrics
Special lubricating compositions used in weaving, knitting, warping, and winding

Printing

Ingredient (Brit. 446813 and 446737) of—
Printing pastes in emulsified form

Monofluorostearic Acid

Insecticide and Fungicide

Fungicide (Brit. 458179)
Insecticide (Brit. 458179)

5-Normal-Heptylidene-3-methylcyclopentanone

Perfume

Odorant (Brit. 449211) in—
Synthetic perfumes

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Short boiling range makes important reductions in solvent loss during recovery operations, and promotes quick completion of evaporation or drying processes.

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Coaltar Chemicals

Broader Buying Movement Noted for Intermediates and Colors —Benzol Prices Remain Firm—Toluol and Xylol Steady —Cresylic Acid Quiet—Naphthalene Dull

The market for coaltar chemicals moved through another dull period. With the exception of a slightly broader interest for intermediates and coaltar colors, there was no particular feature to the market. Basic products continue to feel the seasonally low operations in major consuming industries. The market displayed a steady tone throughout the week, and no changes were reported in the quotations.

A broader interest was displayed by dyestuff manufacturers and the textile industry for certain intermediates. Sellers point out that the business was still along moderate lines, but that a more active interest for modest quantities began to make its appearance. Anilin, anthraquinone and dinitrotoluene showed slight improvement. May exports of coaltar intermediates totaled 320,952 pounds, valued at $92,563. Imports of specified intermediates during May was 5,510 pounds, valued at $13,710; all other intermediates totaled 45,105 pounds, valued at $47,520. Coaltar acids were in moderate demand. Coaltar colors showed a slight broadening in demand from some textile lines.

Benzol continued to stand out as the firm spot in the basic product division, and the small quantities available continue to find a ready market. Cresol, cresylic acid and phenol were marking time, with the synthetic resin industry and other large consumers showing little interest in the market. Creosote oil was quiet, major consuming interests were still adhering to a conservative purchasing policy. Naphthalene was dull, and the import situation showed little improvement. The lacquer trade was not displaying an active interest for solvent naphtha, toluol and xylol.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
125.9	125.9	126.0	127.2

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol.—The situation in the market remained relatively unchanged. While the demand was not considered heavy, it was sufficient to liquidate the small quantities available. The market continued to display a firm tone. Steel operations were scheduled at 32.3 percent of capacity, a considerable improvement over the 22.4 percent reported the preceding period, but compared with an operating rate of 82.7 percent in the corresponding period a year ago. May exports of benzol totaled 1,611,032 gallons, valued at $281,800, of which 343,519 gallons went to Belgium; 809,118 gallons to the United Kingdom; 29,094 gallons to Canada; 18,662 gallons to Argentina; 2,516 gallons to Brazil; 300,789 gallons to Japan, and 107,250 gallons to Turkey.

Coaltar.—Movement of crude and refined coaltar against contracts was only fair. Price schedules were without alteration from those prevailing previously. May exports amounted to 263,972 gallons, valued at $18,544, of which 255,031 gallons went to Canada; 1,050 gallons to Salvador; 1,949 gallons to Cuba; and 3,254 gallons to the Dominican Republic.

Cresol.—Business was reported as quiet, with major consuming interests not disposed to place large size orders. The call for disinfectant purposes was fair, while the synthetic resin industry continued to restrict commitments. Quotations were without change.

Creosote Oil.—There were no outstanding developments in this direction. Lack of interest on the part of large consumers continued in evidence, and quotations remain unaltered. May exports totaled 11,564 gallons, of which 6,000 gallons went to the Panama Canal Zone, and 1,509 gallons to Guatemala.

Cresylic Acid.—Demand was held to moderate proportions in this direction throughout the past week. Large consumers were making commitments commensurate with low production schedules, and the market continued along routine lines. Nothing new was uncovered in the foreign market, however, reports to the effect that English producers were reducing production, may have a tendency to firm the market.

Naphthalene.—Dullness continued to prevail in the market. There was little interest on the part of consumers to place sizable orders. Domestic quotations were unchanged. Imported material continues to make its appearance in quite large volume, and the lack of interest was giving the market an easy tone.

Phenol.—Business for the account of the synthetic resin industry and other consumers was held to small quantities for the most part. There was little to report in the export market recently. Quotations were in conformity with the preceding period.

Pitch, Coaltar. — Withdrawals for the account of the paint and varnish trade were only fair. A steady to firm tone prevailed in the market. May exports were 299 tons, valued at $5,152, of which 207 tons went to Canada.

Solvent Naphtha. — Low automotive operations continued to influence the demand from the lacquer trade, and the market was a quiet affair. Quotations were maintained at previous levels.

Toluol. — Quiet conditions prevailed in this direction throughout the past week, with little in the way of renewed interest displayed by large consumers. Prices remain unchanged.

Xylol. — Another slow week was witnessed in the market, with consumers ordering for immediate requirements only. Prices ruled steady.

Chicago Coaltar Bases

A generally firm market condition prevails in the coaltar bases. Demand is reported holding up well for benzol, which is holding its own in price without difficulty. Other principal grades of material are subject to inquiry and orders. Supplies are still not overly large. Ruling prices exclusive of tax are:—Benzol, 90 percent, 16c. to 17c. per gallon; motor benzol, 10½c. to 11c.; toluol, 22c.; 10-degree xylol, 28c.; solvent naphtha, 26c.; creosote oil, grade 1, 13½c. to 14c.

Coaltar Acids

Anthranilic.—There was comparatively little of importance to report in this direction last week. A moderate movement of the technical material made its appearance, and quotations remain steady to firm.

Cleve's.—Business was held to modest proportions in most instances. Quotations were in conformity with the preceding period.

Fumaric.—A steady to firm tone continued to prevail in the market. A steady call for small quantities made up the bulk of the business.

Maleic.—The call for the anhydride was fair last week, while the powdered material was moving at a moderate pace for nearby requirements. Quotations were without alteration.

Salicylic. — Usual consumers were ordering out quantities commensurate with current production requirements. No change was disclosed in the prices.

Other Intermediates

Alphanaphthol. — Sellers report a more active interest from some consuming channels throughout the week just closed. Quotations ruled firm.

Anilin.—A slightly better movement to textile consumers was reported in some directions, reflecting a broadening in textile activity. Quotations were without change.

Anthraquinone. — A broader inquiry

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

continued in evidence in the market last week. Quotations were well sustained at previous levels.

Benzidine Base.—A fair interest was uncovered in the market throughout the week just closed. A steady to firm tone continued to govern the dealings.

Dinitrobenzene. — Movement of this material into consuming channels showed a little improvement over the dullness prevailing in recent weeks. No change was reported in the quotations.

Dinitrotoluene. — While quiet conditions prevailed in this direction, sellers could point to a slightly better demand from some quarters. Quotations ruled unchanged.

Monochlorobenzene. — Business was highly irregular throughout the week just ended. Buyers were not inclined to order beyond nearby requirements.

Orthonitrotoluene.—The market continued spotty during the past week. Commitments were held to moderate proportions in most instances. No change was revealed in the quotations.

Phthalic, Anhydride. — Lack of demand from the synthetic resin industry and other large consumers remained in evidence, and the market was comparatively quiet. A steady to firm tone ruled.

Coaltar Colors

A broader interest was reported in the market for coaltar colors last week. The better inquiry could be ascribed to the improved textile activity in some sections. Sellers were optimistic regarding the outlook, believing that the textile situation will show gradual improvement over the next several weeks for Fall production requirements. Price situation offered no changes, and a steady to firm tone governed all sections of the list. May exports of coaltar colors, dyes and stains, etc., aggregated 1,192,540 pounds, valued at $425,214, of which 69,597 pounds went to Belgium; 30,693 pounds to Russia; 124,745 pounds to Canada; 59,386 pounds to Mexico; 59,819 pounds to British India; 574,098 pounds to China, and 116,707 pounds to Japan.

Tar Freights Revised

Albany, July 12, 1938

The New York Public Service Commission has approved new commodity freight rates on the following:—

Of the New York Central (East) on crude tar, from either oil or coal, in tank cars from Utica to Troy 14c. per hundredweight, effective August 1, 1938; from Dunkirk and points taking same rates to New York, Albany, Utica, Syracuse, Rochester and Mount Morris and points taking same rates. Advances to class rates, effective July 21, 1938.

Verona Chemical Plans Broader Line of Products

Plans for adding to its manufacturing line of aromatics, photographic chemicals and coaltar intermediates are under consideration by the Verona Chemical Company, Newark, N. J.

The present management, with Franklin H. Stafford as president, assumed charge of the Verona Chemical Company early in the year, having purchased from Edwin Kuttroff the principal assets and property, together with the name Verona Chemical Company. Mr. Stafford, a graduate of Princeton University, has the past twelve years been living abroad, and before returning to the United States resigned the managing directorship of Papeteries de Mauduit, a French manufacturer of cigarette papers.

Gilbert Bros. & Co., Inc., wholesale druggists, Baltimore, which some weeks ago asked for authority to effect a reorganization under 77B of the National Bankruptcy act, have been placed in receivership. George J. Lochner and Joseph M. Hasselhoff have been named receivers.

Rubber Chemicals Production: 1937

The United States production and sales of certain rubber chemicals in 1937, as reported by the Tariff Commission, follow:—

Of Coaltar Origin

	Production.	Sales		
	Pounds.	Pounds.	Value.	Unit value.
Accelerators, total	15,166,301	10,784,910	$4,503,236	$0.42
Diphenylguanidine	1,862,029	1,267,226	416,205	.33
Thiocarbanilide	371,256	207,565	47,820	.23
Antioxidants, total	14,036,042	10,126,462	3,690,654	.36
Diphenyl-p-phenylenediamine	688,065	.....	.....	...
Coaltar:—Total	29,202,343	20,909,372	$8,193,890	$0.39

Of Non-Coaltar Origin

Accelerators—				
Tetramethylthiouram sulfide and disulfide	400,299	326,071	742,115	2.28

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Commercially Pure Benzol
90% Benzol • CXP Benzol
XYLOLS (Solvent Naphtha)
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Sulphate of Ammonia

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Tests have shown that timber products with a large sapwood content are equal in strength to timber products with a large heartwood content and last longer when pressure-treated with proper preservatives. Timber products pressure-treated with creosote and other proper preservatives are supplied by the Wood Preserving Corporation, a Koppers subsidiary.

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Benzol (all grades) . . . Toluol (Industrial and Nitration) . . . Xylol (10° and Industrial) . . . Solvent Naphtha (including High Flash) . . . Phenol (82% and 90% Purity) . . . Cresol (U. S. P., Resin and Plasticizer Grades) . . . 3° Meta Para Cresol . . . Cresylic Acid (Disinfectant Grades—98%, pale low-boiling. Insecticide Grades—98%, pale, high-boiling) . . . Naphthalene . . . Shingle Stain Oil . . . Refined Tars . . . Tar Acid Oils . . . Pitch Coke . . . Industrial Coal Tar Pitches . . . Flotation Oils . . . Creosote

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KOPPERS COMPANY
PITTSBURGH, PA.

Obituaries

Clinton D. Campbell

Clinton Dudley Campbell, an executive in the foreign trade department of the Socony-Vacuum Oil Company, this city, died July 10 in Craterclub, N. Y. He was fifty-two years old.

Mr. Campbell was born in Philadelphia and entered the Standard Oil Company through the Solar Refining Company in Lima, Ohio, in 1901. Sent to Japan for the Standard Oil, he became general manager for Standard Oil of New York at Batavia, Java. He returned to Japan in 1922. In 1923 he was appointed general manager of the Levant division of the company, with headquarters in Istanbul, and remained there until he was recalled to New York in 1935.

Surviving are his wife, two sons and a daughter.

Paul Mausolff

Paul S. Mausolff, who retired as secretary of the Roessler & Hasslacher Company, this city, in 1922, died in Innsbruck, in the Austrian Tyrol, July 10. He was seventy-six years old.

Mr. Mausolff was born in Germany, and came to the United States, about 1891, as a young man to represent the Deutsche Gold und Silber Schneideanstait interests which held the controlling interest of the Roessler & Hasslacher Company at that time. E. I. duPont de Nemours & Co., Wilmington, Del., purchased the Roessler & Hasslacher Company in 1930. He was a member of the Drug & Chemical Club, this city.

Surviving are his wife, a daughter and a son.

Frederick Young Robertson

Frederick Young Robertson, vice-president and manager of metal sales for the United States Smelting, Refining & Mining Company, this city, died in his home in Southfield Point, Conn., July 12. He was eighty years old.

Born in Morrison, Ill., Mr. Robertson attended school there and as a young man went to Kearney, Neb., where he organized a bank. The bank failed in the panic of 1893 and at the age of thirty-five Mr. Robertson came to New York. Shifting his field of endeavor after working for a short time in a New York bond house, Mr. Robertson became interested in silver, copper and oil enterprises.

At the time of his death, in addition to his connection with the United States Smelting organization, Mr. Robertson was associated with the Niagara Mining Company, as a director; the United States Metals Refining Company, as vice-president and director, and the U. S. S. Lead Refinery, Inc., as president and director. He is survived by his widow.

T. H. Angermeier, president of T. H. Angermeier & Co., flavoring extract manufacturer, this city, died July 13 of a heart attack in his home in Essex Falls, N. J. He was fifty-eight years old. Surviving are his wife and two sons.

John Lonsdale Gilmour, chairman of the board of directors of Johnson & Johnson, Ltd., Canadian counterpart of the American surgical supply firm of the same name, died July 13 in St. Hilaire, Que. He retired from active business several years ago.

Mrs. William Horlick, sr., wife of the late William Horlick, originator of the malted milk, died at her home in Racine, Wis., July 9. She was eighty-eight years old.

William E. Jenkins, who retired from E. R. Durkee & Co. about a year ago, after an association of sixty-one years, died July 1. He was seventy-six years of age. Mr. Jenkins, a member of the arbitration committee of the American Spice Trade Association, made headquarters, was for more than twenty years Western representative for the Durkee organization, making his headquarters in St. Louis.

Hector D. Lane, manager Southern sales for the Federal Chemical Company, died July 8 in his home in Courtland, Ala., after a long illness.

Mrs. Frank Ludlam, wife of Frank Ludlam, assistant treasurer, assistant secretary, and manager of purchases of the International Nickel Company, this city, died July 13 in her home here. Mrs. Ludlam was sixty-four years old.

N.L.R.B. Absolves General Chemical Co.

—*Continued from page 3*

handle the matter during the following week.

June 24, Landeau and Tilley had a conference with the employees union's grievance committee, at which time Landeau had the chief clerk check the union's membership claims with the company payrolls. This action disclosing a majority, Landeau granted the organization sole bargaining rights, a 5-cents-an-hour pay boost, a six months' time-and-a-half overtime trial period; considered the reinstatement of an employee already put back on the rolls; and discussed a question as to vacations. The meeting lasted two hours. None of the terms or provisions was reduced to writing. No further grievances were presented by the employees union until August 17, 1937.

June 25, Raymond and Bender had a conference with Landeau and Tilley, when Landeau informed them he had already bargained with a group who claimed to represent a majority of the employees. July 8, Landeau, Raymond, and Bender attended a meeting at the office of the board's Baltimore regional director in an effort to compose their differences. As the conference was unsuccesful, the U.M.W.A. filed charges on that day.

The board found that the record disclosed an attempt on the part of the company "to maintain a neutral attitude toward labor matters." Mr. Landeau had warned the foremen to "keep their hands clean on labor." As to the two head operators, Ingley and Myers, the board found that, since they were not supervisory employees, their action in soliciting members for the employees union could not be held to be "identified with or attributable to the respondent" company. Edwin S. Smith, dissenting member of the board, agreeing with his colleagues that the measure of the company's responsibility, if any, was dependent upon the status and relationship of Ingley and Myers to the company, contended that the weight of the evidence showed that their acts were to be "identified with and are attributable to the respondent." He did not, therefore, concur in the majority's finding that the company had not "dominated or interfered with the formation of the employees union or contributed financial or other support to it."

Fertilizer practices will have an important place on the program of the annual meeting of the Tobacco Research Committee July 19 to 21 in Oxford, N. C.

Marietta Paint & Color Buys Stille-Young High Point Unit

The Marietta Paint & Color Company has purchased the business of the Stille-Young Company in High Point, N. C. Reporting the transaction, George A. LaVallee, president of the Marietta company, says that John H. Kalte, manager for the Stille-Young company at High Point, has joined the Marietta organization, together with the sales, production, and laboratory staffs of the Stille-Young High Point personnel.

This transfer affects only the High Point business of the Stille-Young company. The trade handled from its Chicago office will be serviced as before.

The Marietta and Stille-Young companies were the first manufacturers of wood finishes to establish plants in High Point in the purpose of better serving the furniture industry in the Southeast. The Marietta company completed its new factory in High Point in 1937, and recently added a modern varnish manufacturing unit to the plant. The operations of the Stille-Young company in High Point will be transferred to the Marietta company's plant. C. S. Beaver, vice-president of the latter company, will manage the newly combined High Point operations.

BON VOYAGE

A ship rolls lazily at anchor off the palm-fringed shores of a South Sea Island. Happy-go-lucky natives place the branch of a tree atop the lighter of ore, signifying the last load of the cargo. Another shipment of Mutual chrome ore is about to start on its 40 day journey to plants at Baltimore and Jersey City.

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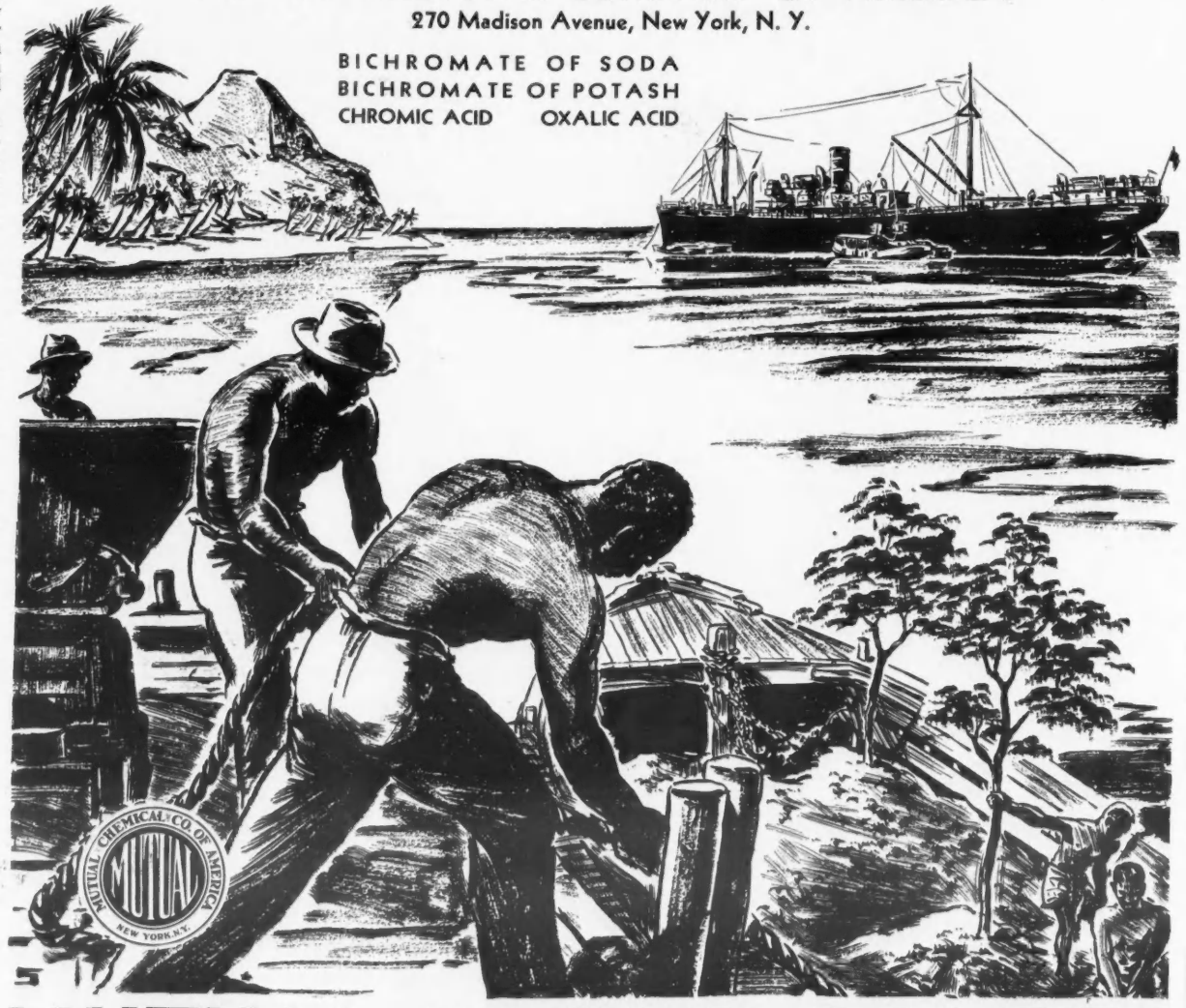


MUTUAL BICHROMATES

Dyestuffs, Textile and Leather Chemicals

Broader Demand for Bichromates and Tanning Materials from Leather Industry—Starch and Dextrin Advanced—Zinc Dust Unchanged—Egg Products Dull—Cochineal and Indigo Firm

A broader demand for bichromates, corn derivatives and tanning materials featured the market last week. Sellers could point to a definitely better demand, resulting from improved operations in the leather and textile industries. Price changes included higher quotations for dextrin and starch, while other sections of the market were holding steady to firm.

Bichromates experienced a better inquiry, particularly from the leather industry as the result of more activity in the leather market as shoe manufacturers continue to cover for Fall requirements. Tanning materials enjoyed the best demand in some time; myrobalans and quebracho stood out as firm spots, while other quotations were unchanged. Estimates were to the effect production of shoes will run ahead of a year ago in the final six months of the year. June total will be around 30,000,000 pairs. Dextrin and starch were advanced, reflecting the strength in the basic commodity. Sellers report a more active interest from textile industry for sizing purposes. Natural dyestuffs were moderately active, cochineal and indigo were steady to firm. Zinc dust remained firm. Egg products were dull and unchanged.

The Census Bureau reported cotton consumed during June totaled 442,742 bales of lint and 56,106 of linters, compared with 425,684 and 60,404 during May this year, and 680,521 and 67,519 during June last year. Improvement in cotton and wool consumption by mills, government purchasing of surplus clothing, reopening of cotton mills in New England and the South, recovery from the low level in wool mill activity all point to an active late Summer and Fall season.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Dextrin, corn, 5c. per 100 lbs.
Starch, corn, 5c. per 100 lbs.

Reduced

None

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
152.0	**151.9**	**151.9**	**154.1**

Market news that may have developed after this report was sent to press will be found on page 4.

Chemicals

Alumina Chloride.—A fair interest was reported in the market last week, with the textile industry showing a slightly better inquiry. Prices ruled firm.

Antimony Salt.—Small withdrawals continue to make up the bulk of the business in this market. Prices were without alteration.

Potash Bichromate.—Improvement in the leather industry was reflected in a better demand in this direction throughout the past week Quotations ruled unchanged.

Soda Bichromate.—Sellers were able to point to a better demand from the leather and textile consuming interests. A steady tone governed the dealings. May exports amounted to 403,981 pounds, valued at $29,019, of which 50,205 pounds went to Finland; 64,109 pounds to Sweden; 70,278 pounds to Canada; 28,817 pounds to Mexico; 93,063 pounds to Argentina; 38,346 pounds to Chile; 15,456 pounds to British India, and 25,300 pounds to Egypt.

Soda Prussiate.—A steady tone prevailed in the market last week, and withdrawals for moderate quantities was the general rule. May imports totaled 66,019 pounds, valued at $4,157, all of which came from the Netherlands.

Zinc Dust.—A steady to firm tone prevailed in the market throughout the past week. Business was spotty, and withdrawals held to nearby needs only.

Dyestuffs

Annatto.—Withdrawals of the seed and paste materials were held to modest proportions again last week. Quotations were in conformity with the preceding period.

Archil.—A fair inquiry was reported in this direction at times, with some consumers taking a more active interest in the market. Quotations ruled firm.

Cochineal. — The market moved through a routine week, with orders held to small quantities to meet current production requirements only. Quotations were unchanged.

Indigo.—The call for natural and synthetic indigo was held to moderate proportions last week. Large consumers were content to mark time. Prices were unaltered.

Logwood.—A steady to firm tone prevailed in the market again last week. Business was along fair lines. May exports of logwood extract totaled 30,724 pounds, valued at $5,026, of which 20,947 pounds went to Canada, and 9,067 pounds to the United Kingdom.

Turmeric.—Business continued quiet and quotations remain unchanged. Through an error in official records the importation of 191,844 pounds of turmeric from Peru in May was reported here recently. The stated quantity of turmeric was imported from British India; none was imported from Peru in May.

Sizing Material

Albumen, Egg.—Quiet continued to characterize dealings in the market. Large consumers were limiting commitments to nearby needs. Despite the dullness, quotations were well maintained.

Dextrin.—Prices were advanced 5c. per 100 pounds, effective immediately. The sharp advance in the basic commodity last week was accountable for the higher quotations. Business was reported as fairly steady. A corn ground of 5,200,262 bushels during the month of June for products going into domestic use was reported through the Corn Industries Research Foundation in behalf of eleven refiners of starches, syrups, sugars and other products of corn. This compares with 5,202,725 bushels in May of this year, and 5,728,392 bushels in June, 1937.

Egg Yolk.—Another dull week was reported in the market. Sellers were adhering to quotations previously in force because of the firmness prevailing in the shell egg market.

Starch.—Quotations were advanced 5c. per 100 pounds, reflecting the higher quotations prevailing for the basic commodity. Sellers report a fair amount of business on the books. The agricultural department said July 1 conditions indicated a 1938 corn crop of 2,482,102,000 bushels. Corn production was 2,644,995,000 bushels last year, and the ten-year average, 1927-1936, was 2,306,157,000 bushels.

Tanning Material

Gambier.—A comparatively good business was reported in the market last week. A more active interest from tanners was making its appearance. Quotations were unchanged.

Mangrove Bark.—Sellers were maintaining quotations at previous levels. Business was reported as holding up fairly well during the past week.

Myrobalans.—A fair amount of business was uncovered in this direction. Quotations for the J1, J2, R2 and extract materials were steady and without change.

Quebracho.—A better inquiry continued in evidence from various tanning consumers for the solid and liquid materials. Quotations were in conformity with the previous period.

Sumac.—No change was reported in the prices for the ground Sicilian and leaf materials. Sellers report a fair amount of business was transacted during the past week.

Valonia.—A steady to firm tone prevailed in the market for valonia cups and beards. Inquiries from tanning consumers was more active than for some time.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

Ransom Co. Observing Seventieth Anniversary

The L. E. Ransom Company, importer of vegetable dystuffs, this city, of which William F. Ransom is president, is observing its seventieth anniversary.

The business of the company was originally established in 1868 by Lewis E. Ransom, shortly after his arrival in this city from Fort Plain, N. Y., where, at the age of sixteen, he began working in a drug store, sleeping in the store as was the custom at that time. During the seventy years the business of the Ransom firm, which was incorporated in 1893, has been conducted from four addresses, and in one of these for only part of a year, because the building in which the business was started at 28 Dey street, was taken down in order that Church street might be extended to Trinity Place.

For forty years the company was located on Maiden Lane, at 47 and 34, and in 1908 the business was removed to its present address at 279 Pearl street. William F. Ransom became the head of the company in 1923, upon the death of his father, after having served as secretary of the company for thirty years. Among the products imported by the Ransom organization are seed and paste annatto, cochineal, natural indigo, Dutch madder and turmeric.

Prior Chemical Publication Discusses Chemical Symbols

The evolution of chemical symbols is the theme of the leading article in the July issue of *Priorities*, house organ of the Prior Chemical Corporation, this city. The story is profusely illustrated with the fanciful designs used in early times. The development from such wholly arbitrary characters, to the modern chemical "shorthand," is sufficiently recent to give the student of today something of a start to find by what a close margin he escaped having to memorize and use the host of intricate hieroglyphics that would be required for present-day chemical compounds.

James Begley, formerly affiliated with the Pennzoil Company, has joined the staff of the Pennsylvania Grade Crude Oil Association.

Venezuela Tariff Bargain Nears

—Continued from page 3

The list of commodities includes the following:—

U. S. tariff act paragraph.	Present rate of duty.
5 and 23—Medicinal preparations not specially provided for, derived wholly or chiefly from phytoplankton, whether or not in any form or container specified in paragraph 23 of the tariff act of 1930	25%
35—Ground barbasco root, not containing alcohol	10%
92—Tonka beans	25c. per lb.
204—Caustic calcined magnesite	15/16c. per lb.
204—Dead burned and grain magnesite and periclase, not suitable for manufacture into oxychloride cements	23/40c. per lb.
1653—Cocoa or cacao beans, and shells thereof	Free
1670—Dyeing or tanning materials: Divi-divi, whether crude or advanced in value or condition by shredding, grinding, chipping, crushing, or any similar process, and not containing alcohol	Free
1685—Guano, basic slag (ground or unground), manures, and (notwithstanding any other provisions of the tariff act of 1930), those grades of all other substances used chiefly for fertilizers, or chiefly as an ingredient in the manufacture of fertilizers	Free
1697—Gutta balata, crude	Free
1722—Barbasco root, crude or unmanufactured, not specially provided for	Free
1733—Oils, mineral: Petroleum, crude, or fuel	Free
Revenue act of 1932, as amended, section.	**Present rate of tax.**
601 (c) (4)—Crude petroleum and fuel oil derived from petroleum	½c. per gal.
601 (c) (4) and 630—Crude petroleum; any of the foregoing sold for use as fuel supplies, ships' stores, sea stores, or legitimate equipment on vessels of war of the United States or of any foreign nation, or vessels employed in the fisheries or in the whaling business, or actually engaged in foreign trade or trade between the Atlantic and Pacific ports of the United States or between the United States and any of its possessions	Exempt from taxes imposed in Sec. 601 (c) (4) of the revenue act of 1932, as amended.

Indigo Freights Lower

Albany, July 12, 1938

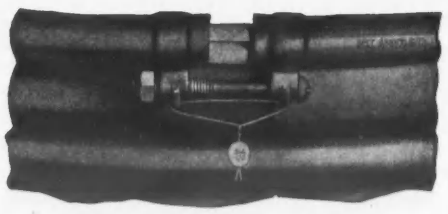
The New York Public Service Commission has approved new commodity freight rates on the following:—

Of the New York, Chicago & St. Louis railroad on coaltar dyes colors; synthetic dry, liquid or paste indigo, in straight or in mixed carloads with dye intermediates; rubber accelerators; dry acids, not otherwise indicated by name; amidophrine; minimum weight as specified in tariff, from Buffalo to New York 44c. per hundredweight. Effective August 1, 1938.

Natural Products Refining Co.
910 Garfield Avenue,
Jersey City, N. J.

Natural
BICHROMATES

EASTERN
BOLTED RING SEAL DRUMS



WHERE added strength and security are needed use our "Bolted Ring Seal" drum shown above for shipping of Dry Chemicals, Dyestuffs, High Temperature Cements, Sweeping Compounds, Lime and Asphalts.

Supplied in Sizes from 10 to 70 gallons. Suitable for solids and semi-liquids.

We also make a complete line of Light Gauge Containers.

Write us for information regarding your container problems.

EASTERN STEEL BARREL CORPORATION
BOUND BROOK, NEW JERSEY

Striking 5 Right Notes...

111

333

H.T.S.

CARTER

DUTCH

...A White-Lead to Harmonize with every Paint Grinding Requirement

We don't think any one will blame the Dutch Boy for blowing his own horn. After all, he has an important message to paint manufacturers. He is announcing the addition of two new white-leads to the three previously in the line. This means that we are now in a better position than ever before to give the paint manufacturer *exactly* what he wants.

Our white-lead line starts with those two old standbys, Dutch and Carter. Next comes H.T.S. with its increased paint thickening power, tinting strength and hiding power. Finally, there are the new 333 and 111 White-Leads, both having higher paint thickening power, tinting strength and hiding power than any other white-lead on the market. For example, No. 111 rates about twice as high in these qualities as Dutch.

Remember that no matter which one of the five you choose, you can be sure of uniformity. Remember also, that the more white-lead you use the better the paint. Step up the white-lead in your formula—and you automatically step up the quality and durability of your paint.

NATIONAL LEAD COMPANY

111 Broadway, New York; 116 Oak St., Buffalo; 900 West 18th St., Chicago; 659 Freeman Ave., Cincinnati; 1213 West Third St., Cleveland; 722 Chestnut St., St. Louis; 2240 24th St., San Francisco; National-Boston Lead Co., 800 Albany St., Boston; National Lead & Oil Co. of Penna., 316 Fourth Ave., Pittsburgh; John T. Lewis & Bros. Co., Widener Building, Philadelphia.

Paint, Varnish, Lacquer Materials

Leaded Zinc Oxides Join with White Lead at Higher Level—Butyl Alcohol and Acetate Lower—Rosin and Turpentine Firm—Buying Livelier

The increase in prices for high lead strength leaded zinc oxides which accompanied the advance in the price of white lead on Tuesday featured the market for paint, varnish and lacquer chemicals. Announcement of these advances was contained in last week's issue. As also reported previously, the advances have little immediate importance because the sellers were already committed for the third quarter of the year at lower prices to the contract buyers, and, non-contract purchasers were given ample time to cover their needs between the time of the announcement of the increases and Tuesday, their effective date.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Gum, copal, Manila, MA. ¼c. per lb.
Shellac, bone dry, 1c. per lb.
Turpentine, gum, 1c. per gal.
Zinc oxide, leaded, 35 percent, ¼c. per lb.
50 percent, 0.37c. per lb.

Reduced

Alcohol, butyl, ½c. per lb.
Butyl acetate, ½c. per lb.
Gum, dammar, Singapore, No. 1, ¾c. per lb.
No. 2, ½c. per lb.
Rosin, gum, 5c. to 45c. per 280 lbs.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
131.1	131.1	129.3	133.4

Market news that may have developed after this report was sent to press will be found on page 4.

Other price developments of the week included reductions in butyl alcohol and butyl acetate; lower prices for No. 1 and No. 2 Singapore dammars and a higher replacement quotation for MA Manila copal. Bone dry shellac was up. Metallic lead was unchanged throughout the week.

Purchasing activity continued very spotty but there has been a definite improvement in buying through the first half of July. Sentiment is more cheerful and buyers are keeping very close to the market. Market operators were hopeful that the recovery in the world markets would loosen up some credit for Fall construction and if the news from the automotive industry improves, a rapid acceleration of buying in this market should take place.

A generally steady or firm tone prevailed in Southern and local markets for rosin and turpentine last week. Changes in quotations from day to day were unimportant. So far as new business was concerned, quiet conditions prevailed much of the time but reports were again heard of an expanding consumption in some industries. Offerings in primary centers were light, apparently indicating that much of the rosin and turpentine received was still being moved into storage under the government loan.

June building contracts awarded in 37 Eastern states totaled $167,485,000 for the largest dollar volume of any month this year and an increase of 4 percent over May, according to the Dodge statistics. However, the total was 23 percent behind June last year. Residential building contracts totaled $85,682,000 or 3 percent ahead of May and only 8 percent behind June last year. The accumulated total of building and engineering contracts for the first half of 1938 was $1,294,272,000 and with the exception of 1937 it is the highest of any comparable period since 1931.

Metallic Lead and Zinc

Buying of lead continued brisk in the opening part of the week, but the demand moderated rapidly during the closing part of the period. Prices held without change at 4.90c. to 4.95c. per pound at New York, and 4.75c. per pound at East St. Louis. Much of the week's purchasing was for August position. Lead stocks on hand June 1 totaled 244,191 tons against 235,744 tons at the beginning of the month, and 189,963 tons on June 1, 1937, according to the American Bureau of Metal Statistics.

Zinc sales were light by comparison with the preceding week. The sales a week ago were reported privately as having been 1,175 tons. The price situation was steady and the sellers at East St. Louis quoted 4.75c. per pound.

Lead.—Prevailing spot prices at New York, East St. Louis and London for the period from July 9 to July 15, inclusive, were as follows:—

	Pigs				
	Per pound		Spot. London. Per ton		
	New York.	E. St. Louis.	£	s.	d.
Saturday	$0.0490@.0495	$0.0475	..	..	..
Monday	.0490@.0495	.0475	14	15	0
Tuesday	.0490@.0495	.0475	14	10	0
Wednesday	.0490@.0495	.0475	14	18	9
Thursday	.0490@.0495	.0475	14	12	6
Friday	.0490@.0495	.0475	14	13	9

Zinc.—Prevailing spot prices at New York, East St. Louis and London for the period from July 9 to July 15, inclusive, were as follows:—

	Slabs				
	Per pound		Spot. London. Per ton		
	New York.	E. St. Louis.	£	s.	d.
Saturday	$0.0515	$0.0475	..	..	..
Monday	.0515	.0475	13	18	9
Tuesday	.0515	.0475	13	15	0
Wednesday	.0515	.0475	14	5	0
Thursday	.0515	.0475	14	1	3
Friday	.0515	.0475	13	18	9

Pigments

Prices for dry white lead and leaded zinc oxides were advanced on Tuesday of last week. Announcement of these increases was contained in last week's issue. The increased prices followed earlier advances in metallic lead prices. The increase in selling values for these pigments has little immediate importance because the sellers were committed on contracts for the current quarter at the lower prices that were established in June, and, non-contract buyers were given ample time to cover on what they need between the time the increases were announced and last Tuesday, which was the effective date.

White Lead. — The ¾c. per pound advance in both dry lead sulphate and basic carbonate white lead went into effect on Tuesday. The new schedule for white lead sulphate and blue lead is as follows:—Delivered Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash., and Wyo., 6¼c. per pound in car lots and 6½c. per pound in l.c.l.; delivered elsewhere, 6c. per pound in car lots and 6¼c. per pound l.c.l. The new schedule for lead carbonate is as follows:—Delivered Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo., 7c. per pound in car lots and 7¼c. per pound l.c.l.; delivered elsewhere 6¾c. per pound in car lots and 7c. per pound l.c.l.

Red Lead.—The market had a breathing spell insofar as price movements were concerned. The metal market held at the advance registered in the preceding week and car lot prices for this derivative remained at the levels established July 6. The car or l.c.l. prices in force were those established June 30.

Litharge.—In company with red lead, the car lot prices for this oxide were unchanged last week and were quoted at the levels established on July 6. The l.c.l. prices were those placed in force June 30.

Lithopone.—The price was unchanged and steady at the basis established in June. Shipments out of the Eastern manufacturing plants have shown a small improvement during July. The demands against contracts have not shown much individual bulk but most of the orders are for rush shipment as buyers' supplies are believed to be very small.

Titanium Pigments.—A pick-up in car lot business was reported. L.c.l. business continued rather small. Prices

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

● It takes the expert touch of skilled hands to insure the unvarying uniformity of our line of Ultramarine and Cobalt Blues. They are of standard specialized types to meet the exacting needs of today's manufacturers of Paint and Printing Inks. Throughout every step in their processing, their quality is safeguarded by our own supervision in our own plant. We also offer a full range of types for the Paper, Rubber, Soap, Linoleum and Textile Trades. Wire or write today for generous free working samples.

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GOOD PAINT BETTER!

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SOFT DECOMPOSED SILICA
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PRIME WHITE, UNIFORM, 99½% PURE

An excellent extender and filler for exterior and interior paints—possessing high penetrating properties • The finer grades are used in Enamel Undercoating as well as in the higher grades of Paint and Wood Fillers • Write for samples.

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for titanium dioxide and the compound pigments were unchanged. A Department of Commerce review on titanium white in Japan estimates that the total domestic consumption in Japan is approximately 100 metric tons a month of which about 85 metric tons is used by the rayon industry. There are four firms manufacturing titanium white in Japan and to increase their production of the pigment the plants are being enlarged. It is estimated that when the increased plant facilities are completed, the total monthly output of the pigment will be approximately 340 metric tons.

Zinc Oxides.—Prices for 35 and 50 percent leaded zinc oxides advanced ¼c. and 0.37c. per pound respectively Tuesday. News of the advance was contained in the late market summary of last week's issue. The 35 percent leaded oxide was now priced at 5.90c. per pound for 20 ton lots and 6.15c. per pound for l.c.l. quantities while the 50 percent strength was priced at 5.92c. per pound in 20 ton lots and 6.17c. per pound in l.c.l. quantities. These quotations were for bag packing and prices for barrels are ¼c. per pound additional. Both grades can be combined to make a 20-ton lot for the car lot price. Other grades of oxide continued unchanged.

Fillers and Extenders

The recent appreciation of values in the opaque pigment materials has not influenced the prices for the inert pigments. The demand side of the market has been favored with a slight improvement and the buyers were believed to be close to the market ready to cover in the event of any mark-up in quotations.

China Clay.—The domestic product continued in an unchanged position. The most recent report from producers indicated that ordering had been slow with very little sign of improvement.

Dry Colors

The state of trade in the color market was mixed last week. Some houses reported a slow and dragging market while others were favored with some fair sized business. There were no price developments in the market during the week, the latest change having been the recent reduction in the phosphotungstic toners. Chromates continued strong because of the recently increased cost of lead. Earth colors were without prices shift.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

Synthetic Resins Output and Sales: 1937

The United States production and sales of certain synthetic resins in 1937, as reported by the Tariff Commission, follow:—

Of Coaltar Origin

	Production. Pounds.	Sales Pounds.	Sales Value.	Sales Unit value.
Derived from tar acids—				
Cresol or cresylic acid	10,701,463	8,466,610	976,549	$0.12
Phenol	52,472,160	50,209,349	8,615,827	.17
Phenol and cresols	14,046,283	13,237,663	3,424,791	.26
Xylenols	639,332	642,532	120,133	.19
Xylenols and cresols	1,985,587	989,726	163,570	.17
Alkyd resins—				
Maleic acid	2,803,987	2,154,988	418,183	.19
Phthaleic anhydride	58,450,032	32,583,307	6,445,511	.20
Totals*	141,098,844	108,284,175	$20,164,564	$0.19
Non-coaltar—total†	21,005,869	18,891,277	5,680,600	.30

* Does not include resins from adipic acid, coumarone and indene, hydrocarbon, styrol, succinic acid and sulfonamides.

† Includes resins from abalyn-hydrogen-nitrogen, abietic acid, acrylic acid esters, hydrocarbon, ketone, petroleum, terpenes, urea, urea and thiourea, vinyl acetate and chloride, and wood rosin-methyl alcohol.

Carbon Black. — July shipments of black to date were slightly in excess of those during the fore part of June. A few extra cars a week looks big to the sellers these days but tire output is still very small and the consumption of black is also small. The paint and ink makers were light buyers.

Chrome Colors.—The recent advance in the cost of metallic lead has given the chromate greens and yellow a stronger fundamental position but there has been no open change in the market.

Iron Blues. — Conditions surrounding the market were steady. Prices have been without change for some time. The demands against contracts continued moderate with some improvements in spots.

Phosphotungstic Toners. — The market held without further change at the prices that were established earlier in the month.

Sienna. — Demands showed a little broadening in spots but were still slow in the major number of outlets. Prices have not been altered.

Vermilion. — The basic metal market was reported to have been slightly easier but there has been no change in the schedule for this derivative which is based at $1.55 per pound for large quantities.

Varnish Gums

Movements in the replacement market cost of natural gums were mixed last week. One Manila grading, MA, was higher in price while two Singapore dammars, Nos. 1 and 2, were reduced. Gum buyers evidenced more confidence in the market's position last week albeit there was only a small improvement in actual buying reported.

Copals. — The replacement market price for MA Manila gum was advanced ¼c. per pound last week to the basis of 6⅛c. per pound for carload lots. The usual differentials were in force for smaller quantities.

Dammars. — Singapore gums were lower for replacement. The No. 1 grading was lowered ¾c. per pound to the basis of 17c. for car lots while No. 2 grading was marked down ½c. per pound to the basis of 11¼c. per pound, also for carload lots. The usual differentials for smaller quantities were in force.

Synthetic Resins

Ester gum prices continued at the basis of 6¾c. per pound which was established a few weeks ago. The demands of the market were not materially different from a week ago. July business to date has shown some increase over June but considerably more activity in the automobile industry is needed to lift the market for gum from its present slough.

Naval Stores

Price movements in Southern and local markets for rosin and turpentine were generally rather narrow last week and underlying conditions showed little change from those noted in the previous period. The prevailing tone was steady or firm although quiet conditions prevailed much of the time so far as new business was concerned. Reports were heard, however, to the effect that consumption of rosin in some industries has latterly increased and that the requirements of consumers of turpentine have also expanded to some extent as a result of growing activity in construction and painting. Building in various parts of the country appears to be steadily increasing, especially in the case of residential construction in which the consumption of turpentine in painting is larger than in some commercial

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NEO SPECTRA is our contribution to progress in the field of synthetic enamels for which it was especially devised. It has an affinity for synthetic resin in which medium it is easily wet. It produces a permanent and brilliant black film with depth of color on the blue side. Easier to grind than other blacks of the same color intensity it is applicable to all types of synthetics and adaptable to all kinds of mills.
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Specialists in Carbon Blacks, Bone Blacks and Oxides of Iron
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Akron, Binney & Smith Co.... Boston, Hird & Connor, Inc.... Cincinnati, B. H. Roettker Co.... Cleveland, Binney & Smith Co.... Chicago, Binney & Smith Co.... Detroit, C. W. Hess Co.... Kansas City, Mo., Abner Hood Chemical Co. Los Angeles, Martin, Hoyt & Milne, Inc.... Montreal, Binney & Smith Ltd.... Philadelphia, Binney & Smith Co. St. Louis, J. E. Niehaus & Co.... St. Paul, Worum Chemical Co.... San Francisco, Martin, Hoyt & Milne, Inc.

structures. Much of this new construction will soon be ready for the paint brush.

As for some time past, daily offerings of rosin and turpentine in primary centers were light, apparently indicating that the bulk of the material arriving from the interior is still being moved into storage under the government loan. There seems to be no prospect of any decrease in production and marketing in the near future, and the funds made available for loans to producers of rosin and turpentine, it is estimated, will have become exhausted within the next few weeks. Nothing was forthcoming last week in the way of official announcement concerning an increase in government loans to producers but the opinion continued to be expressed in some circles that the efforts of trade interests to secure additional funds will be attended with success before the old loan is used up.

With receipts large last week and the outward movement from primary points comparatively light, especially in the case of rosin, there were further additions to supplies in seaboard centers. Stocks of rosin in the three principal markets in the South are now much larger than at this time in any recent preceding year.

Turpentine. — A steady or firm tone prevailed in the local market for turpentine, this being a reflection of conditions prevailing in primary centers where offerings from day to day were light despite a continuation of liberal receipts. There was apparently no broadening of trade. Consumption is said to have increased to some extent recently but purchasing here was generally limited to unimportant quantities.

SAVANNAH, July 15.—The turpentine market retained a steady tone. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Re-ceipts.	Ship-ments.	Stocks.
*Saturday	..	...	...	...	.....
Monday	22½	12	567	206	38,939
Tuesday	23¼	50	724	30	39,633
Wednesday	23½	42	870	95	40,408
Thursday	23¾	...	433	85	40,759
Friday	23¾	48	426	...	41,185

* Market closed.

JACKSONVILLE, July 15.—The turpentine market was quiet. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Re-ceipts.	Ship-ments.	Stocks.
*Saturday	..	...	...	...	.....
Monday	23¼	28	485	...	25,393
Tuesday	23½	17	309	8	25,694
Wednesday	23¾	10	286	50	25,930
Thursday	23¾	4	256	1	26,185
Friday	24	18	304	1,400	25,093

* Market closed.

PENSACOLA, July 9.—Turpentine was steady. Following is a record of the market for the week:—

	Barrels Re-ceipts.	Ship-ments.	Stocks.
Tuesday	229	...	28,225
Wednesday	280	286	28,219
Thursday	113	...	28,332
Friday	206	162	28,376
Saturday	196	122	28,450

CHICAGO, July 15.—Turpentine remains at low price levels. In spite of the fact that there is a little more interest displayed, the status of business has not been able to get up much enthusiasm on the part of the buying trade, in either wholesale or retail divisions. Ruling prices at the close of business last night were:—Five-drum lots, 30c. per gallon; five wood barrels, 35c.; single drums, 33c.; single barrels, 38c.

LONDON, July 15.—Quotations on turpentine were as follows:—

	Per cwt. in bbls. s.	d.
Saturday	32	0
Monday	32	0
Tuesday	32	0
Wednesday	32	0
Thursday	32	0
Friday	32	0

Stocks of American turpentine in London were:—

	July 15.	Previous week.	Last year.
Barrels	23,212	24,435	14,156

Rosin. — Business in the local market continued along the same conservative lines noted in recent preceding weeks. Southern markets had a firm undertone much of the time but purchasing here was still generally limited to comparatively small or moderate quantities to meet the current or nearby requirements of consumers and dealers. Production and marketing in the South continued on a liberal scale but daily offerings in primary centers were light.

SAVANNAH, July 15.—A firm undertone prevailed in the rosin market. Following is a record of the market for the week:—

	Price per unit—Low of range quoted *Sat.	*Mon.	Tues.	Wed.	Thurs.	Fri.
B	$3.45	$3.40	$3.40	$3.40	$3.40	$3.40
D	3.75	3.75	3.75	3.75	3.75	3.75
E	4.00	4.00	4.00	4.00	4.00	4.00
F	4.45	4.45	4.45	4.40	4.40	4.40
G	4.72½	4.72½	4.65	4.55	4.50	4.50
H	4.72½	4.72½	4.65	4.55	4.50	4.50
I	4.72½	4.72½	4.65	4.55	4.50	4.50
K	4.75	4.75	4.65	4.57½	4.50	4.50
M	4.77½	4.77½	4.67½	4.57½	4.52½	4.52½
N	5.40	5.40	5.35	5.30	5.25	5.25
WG	5.90	5.95	5.85	5.80	5.75	5.75
WW	6.35	6.40	6.40	6.40	6.30	6.30
X	6.40	6.40	6.40	6.40	6.40	6.40
Sales	707	58	193	375	489	
Receipts	2,592	2,763	870	2,755	1,198	
Shipments	605	480	95	397	...	
Stocks	168,176	170,459	171,850	174,208	176,006	

(Barrels)

* Market closed.

JACKSONVILLE, July 15.—Domestic business in rosin was fairly active. Following is a record of the market for the week:—

	Price per unit—Low of range quoted *Sat.	*Mon.	Tues.	Wed.	Thurs.	Fri.
B	$3.45	$3.40	$3.40	$3.40	$3.40	$3.40
D	3.75	3.75	3.75	3.75	3.75	3.75
E	4.00	4.00	4.00	4.00	4.00	4.00
F	4.45	4.40	4.45	4.40	4.40	4.40
G	4.72½	4.60	4.65	4.55	4.50	4.50
H	4.72½	4.60	4.65	4.55	4.50	4.50
I	4.72½	4.60	4.65	4.55	4.50	4.50
K	4.75	4.60	4.65	4.57½	4.50	4.50
M	4.77½	4.60	4.67½	4.57½	4.52½	4.52½
N	5.40	5.30	5.35	5.30	5.25	5.25
WG	5.90	5.80	5.85	5.80	5.75	5.75
WW	6.40	6.25	6.40	6.30	6.30	6.30
X	6.40	6.25	6.40	6.30	6.30	6.30
Sales	643	634	122	218	208	
Receipts	...	693	1,790	1,506	2,764	
Shipments	...	693	1,790	7	4,490	
Stocks	142,060	143,158	142,906	144,405	142,671	

(Barrels)

* Market closed.

PENSACOLA, July 14.—The rosin market was quiet and steady. Following is a record of the market for the week:—

	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Sales	497	976	385	580	457	
Shipments	...	150	...	675	...	
Stocks	35,716	36,542	36,927	36,832	37,289	

(Barrels)

CHICAGO, July 15.—The rosin price structure is holding around the low levels that have been in effect recently, and buying still seems to be quite cautious. Ruling prices at the close of business last night were:—B grade, $6.40 per lot of 280 pounds; G grade, $7.72½; M grade, $7.77½; WW grade $9.40.

LONDON, July 15.—Quotations on American rosin were as follows:—

	Per cwt. in barrels—Common. s.	d.	W.W. s.	d.
Saturday	14	0	18	3
Monday	14	0	18	3
Tuesday	14	0	18	3
Wednesday	14	0	18	3
Thursday	14	0	18	3
Friday	14	0	18	3

Pine Oil. — A fair demand was noted in some quarters from local and other

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

Paint, Varnish, Lacquer Sales Up

The value of paint, varnish, lacquer and fillers sold in May, as reported by 680 establishments to the Bureau of Census, was $36,827,421. Details of sales reported by these establishments and comparative data for 1938 follow:—

1938.	Total sales reported by 680 establishments.	Classified sales reported by 580 establishments—Trade sales of paint, varnish, and lacquer.	Industrial sales—Total.	Paint and varnish.	Lacquer.	Unclassified sales reported by 100 establishments.
January	$22,115,195	$11,448,115	$8,282,661	$5,748,170	$2,534,491	$2,384,419
February	22,625,906	12,535,636	7,942,419	5,455,659	2,486,760	2,147,851
March	30,728,890	17,227,950	10,417,161	7,285,635	3,131,526	3,083,779
April	34,731,597	20,861,998	10,392,797	7,498,010	2,894,787	3,476,802
May	36,827,421	22,900,709	10,135,607	7,292,333	2,843,274	3,791,105
Totals, 5 mos.	$147,029,009	$84,974,408	$47,170,645	$33,279,807	$13,890,838	$14,883,956
1937.						
January	31,288,615	16,047,179	12,456,616	8,906,595	3,550,021	2,784,820
February	31,015,653	15,440,210	12,885,413	9,201,543	3,683,870	2,690,030
March	39,498,071	19,398,445	16,601,194	12,036,210	4,564,984	3,498,432
April	46,345,474	25,102,366	16,759,108	12,179,600	4,579,508	4,484,000
May	45,254,635	24,206,972	16,785,249	12,526,801	4,258,448	4,262,414
Totals, 5 mos.	$193,402,448	$100,195,172	$75,487,580	$54,850,749	$20,636,831	$17,719,696
June	41,656,085	22,348,182	15,343,359	10,843,172	4,500,187	3,964,544
July	36,004,636	18,502,323	14,186,572	9,763,920	4,422,652	3,315,741
August	35,305,043	18,521,006	13,517,878	9,230,886	4,286,992	3,266,159
September	34,489,882	18,166,243	12,993,944	9,023,194	3,970,750	3,329,695
October	32,791,845	16,256,222	13,447,493	8,761,135	4,686,358	3,088,130
November	26,105,315	12,790,654	10,889,719	7,169,000	3,720,719	2,424,942
December	19,348,567	9,088,658	8,293,742	5,653,369	2,640,373	1,966,167
Totals, year	$419,103,821	$215,868,460	$164,160,287	$115,295,425	$48,864,862	$39,075,074

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consumers although as a rule buyers were not inclined to anticipate to any important extent. The market retained a steady tone.

Pitch. — The market remained in the same steady position noted in the previous week. There was little disposition among buyers to purchase ahead, but a fair inquiry was noted for moderate quantities.

Rosin Oil. — Local quotations were generally maintained in the absence of any material change in the position of basic material. Consumers were generally inclined to limit their takings to moderate quantities.

Tar. — A steady tone prevailed. A fair demand was noted, the movement for the week apparently being well up to that of recent preceding periods.

Shellac

Quotations on bonedry shellac were advanced 1c. per pound last week, making the New York market 19c. to 20c. per pound, according to quantity. This covered recent advances in the foreign shellac markets. The London and Calcutta markets retained a generally steady undertone, although replacement quotations were down a small fraction as compared with those in force a week ago. Some very good business was done locally, covering future requirements well ahead. Deliveries against existing contracts continued none too satisfactory. While future delivery sales were very good, the question of goods being taken out promptly in accordance with contract specifications remained debatable, as well as being probably the most important fact to have influence in the future of the market.

Calcutta, July 15.—Shellac quotations on the landed New York basis, ex dock net cash, were as follows:—

	Per pound— July 15.	July 8.
July	11½c.	11¼c.

Day-to-day prices were as follows:—

	Per pound.
July 8	11¼c.
July 9*	..
July 11	11¼c.
July 12	11⅛c.
July 13	11⅛c.
July 14	11⅛c.
July 15	11⅛c.

* No cables.

London, July 15.—Prices quoted on London standard T. N. shellac, basis of sterling exchange at $4.88, were as follows:—

	July 15. Shillings. Cwt.	Cents. lb.	July 8. Shillings. Cwt.	Cents. lb.
August	40	8.7	40	8.7
October	41	8.9	41	8.9

Day-to-day closing prices were as follows:—

	Per hundredweight— August.	October.
July 8	40s.	41s.
July 9*	..	..
July 11	40s. 3d.	41s. 3d.
July 12	39s. 6d.	40s. 3d.
July 13	40s.	41s.
July 14	39s. 6d.	40s. 6d.
July 15	40s.	41s.

* No cables.

Lacquer Materials

Quiet conditions prevailed in the market for lacquer materials and solvents last week. Seasonal dullness continued to restrict large shipments of materials into consuming channels. Demand from the automotive and plastic industries was retarded by curtailed operations. Changes in the market included fractionally lower quotations for normal butyl alcohol and butyl acetate. Acetone remained steady. Ethyl acetate was a routine affair. Methyl acetate withdrawals were held to moderate proportions and triphenyl phosphate showed little in the way of renewed buying interest.

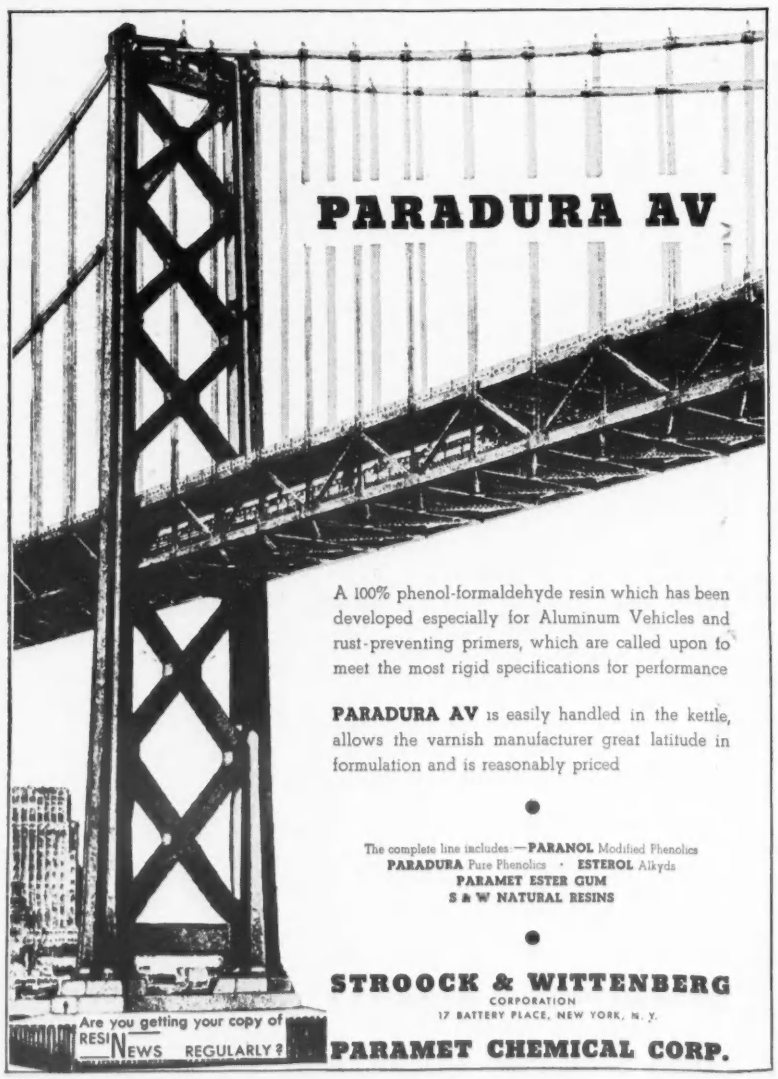
Acetone.—A steady price tone remained in evidence throughout the week. Withdrawals from leading consuming interest were held to moderate levels in virtually all instances.

Butyl Acetate. — Quotations for the normal material were reduced ½c. per pound, making drums, car lot, freight allowed 9½c. per pound; less car lots, same basis, 10c. per pound and tanks 8½c. per pound. Business continued quiet.

Butyl Alcohol.—Prices were fractionally lower for normal butyl alcohol last week. Quotations follow:—Drums, car lots, freight allowed, 9½c. per pound; less car lots, same basis, 10c. per pound and tanks 8½c. per pound. The market continued dull.

Ethyl Acetate. — The market moved through another routine week, with interest from large consumers confined to nearby requirements. No change was reported in the quotations.

Methyl Acetate. — Withdrawals were held to moderate proportions in the majority of cases, reflecting seasonally low operating schedules in major consuming lines. Prices ruled unchanged.



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Triphenyl Phosphate. — There was little in the way of new developments in the market last week, and demand continued along narrow lines. Prices were in conformity with the previous week.

Driers

There has been some lift of activity in the placement of orders against the contracts that went into effect at the beginning of the month. Buying was held close to actual and prompt needs and there is no evidence of anticipating forward needs.

Glues and Binders

Casein. — Domestic material continued steady at 8c. per pound for carload lots of 20-30 mesh and 8½c. per pound for 80-100 mesh, delivered. Inquiry was active which indicated to sellers that buyers were prepared to cover ahead if the price showed any sign of moving higher.

Glues. — A local renderer increased selling prices ¼c. per pound last week but others held the market without change. It is expected however, that other sellers, including the naphtha extractors and the packers, might increase their prices around the first of August. It was also indicated that hide glues were likely to go up at that time. The market has strengthened considerably within the past three weeks. Buying has not been very large but has evidenced progressively increasing volume.

Lead, Zinc Pigments Sales Lower in 1937

—Continued from page 3

1,330 tons in 1936, and shipments of lithopone were 2,671 tons compared with 2,538 tons.

Total Sales

	Short tons 1937	1936
Basic lead sulphate or sublimed lead:—		
White	7,514	7,531
Blue	1,108	891
Red lead	33,931	34,896
Orange mineral	206	248
Litharge	83,902	86,249
White lead:—		
Dry	32,661	34,775
In oil*	65,552	83,632
Zinc oxide	114,652	126,800
Leaded zinc oxide	40,343	40,512
Lithopone	154,771	158,319
Zinc sulphate	10,521	8,687

* Weight of white lead only, but value of paste.

Sales by Uses

	Short tons 1937	1936
White Lead		
(Dry and in oil.)		
Paints	93,580	113,363
Ceramics	2,506	2,653
Other	2,127	2,391
Red Lead		
Storage batteries	20,275	20,323
Paints	10,440	11,786
Ceramics	854	807
Other	2,362	1,980
Orange Mineral		
Ink manufacture	76	71
Color pigments	51	77
Other	79	100
Litharge		
Storage batteries	*32,228	*38,700
Insecticides	18,242	14,662
Chrome pigments	8,689	8,407
Oil refining	8,311	7,259
Ceramics	7,577	7,762
Varnish	1,865	2,307
Rubber	1,659	2,147
Linoleum	264	280
Other	5,067	4,722
Basic Lead Sulphate		
Paints	8,255	8,124
Rubber	213	126
Storage batteries	6	28
Other	148	144
Lithopone		
Paint, varnish and lacquers	122,915	122,461
Floor coverings and textiles	20,194	23,085
Rubber	4,383	4,908
Other	7,279	7,865
Zinc Oxide		
Rubber	67,061	72,885
Paints	27,987	33,149
Floor coverings and textiles	9,019	7,178
Ceramics	5,216	6,102
Other	5,369	7,486
Leaded Zinc Oxide		
Paints	39,584	40,156
Rubber	97	32
Other	662	324

* In addition 41,000 tons of black or gray oxide in 1936 and 42,000 tons in 1937 were produced by the makers of storage batteries in their own plants.

Binney & Smith Honors Wood

D. F. Wood, traffic manager of Binney & Smith Company, carbon black, this city, has retired from active association with the company, but will continue in the capacity of traffic consultant. Mr. Wood had been traffic manager for Binney & Smith for the past twenty-one years and is succeeded in that post by C. D. Macknee, former assistant traffic manager. J. D. Spruill has been appointed assistant traffic manager and G. Erath has been made chief clerk. A testimonial dinner for Mr. Wood was held at Cavanaugh's Tavern, this city, June 30.

Resinox Corp. Moves Offices

The Resinox Corporation, manufacturer of synthetic resins and varnishes, this city, has moved its offices to 17 Battery place, from 230 Park avenue. Its telephone number now is Whitehall 3-8593. John L. Buckner is president of the corporation; Charles Lichtenberg is sales manager.

Naval Stores Agency Wanted

A well-known firm, located in Toronto, Ontario, is actively interested in securing an agency for the sale of American-produced gum spirits of turpentine and for steam-distilled wood turpentine. The Canadian firm desires to carry stocks of both products and is acquainted with consumers of naval stores. Complete details covering the opportunity may be obtained upon application to the Chemical Division of the Bureau of Foreign and Domestic Commerce, Department of Commerce, Washington.

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"Going up!"

June 20, 1938

Price Changes

Prices were changed during the past week as follows:—

Advanced

Carnauba wax, No. 1 yellow, 2½c. per lb.
No. 2 yellow, 2½c. per lb.
No. 3 chalky, 1c. per lb.
No. 3 North Country, 1c. per lb.
No. 3 North Country, 1c. per lb
refined, 1½c. per lb.
Chinawood oil, ½c. per lb.
Grease, ¼c. per lb.
Lard, 15c. to 25c. per 100 lbs
Lard oil, ¼c. per lb.
Tallow, ¼c. per lb

Reduced

Lard oil, ¼c. to ½c. per lb.
Linseed meal, $5c. per ton.
Menhaden oil, refined, 2-10c. per lb.
Neatsfoot oil, ¼c. per lb.
Sardine oil, refined, 2-10c. per lb.
Tallow oil, ¼c. per lb.
Whale oil, refined, ½c. per lb

June 27, 1938

Price Changes

Prices were changed during the past week as follows:—

Advanced

Babassu oil, ¼c. per lb
Chinawood oil, ½c. to ¾c. per lb.
Coconut oil, crude, ½c. to ¾c. per lb
Corn oil, ¾c. to ¼c. per lb.
Cottonseed oil, Brasilian, ⅜c. per lb
Cottonseed oil, crude, ¼c. per lb
Grease, ¼c. per lb.
Lard, 15c. to 25c. per 100 lbs.
Lard oil, extra No. 1, ¼c. per lb
prime edible, ¼c. per lb.
Linseed cake, 50c. per ton
Oiticica oil, ¼c. per lb
Perilla oil, ¼c. per lb
Stearin, ¼c. per lb.
Tallow, ¼c. per lb

Reduced

Menhaden oil, refine
Sardine oil, refined.

July 4, 1938

Price Changes

Prices were changed during the past week as follows:—

Advanced

Chinawood oil, ½c. per lb.
Grease, ¼c. per lb.
Lard compound, 25c. per 100 lbs.
Lard oil, ¼c. to ½c. per lb.
Linseed cake, 25c. per ton.
Linseed meal, $1.50 per ton.
Neatsfoot oil, ⅜c. to ½c. per lb
Oiticica oil, ½c. per lb
Oleo oil, ¼c. per lb
Perilla oil, ½c. per lb
Tallow, ½c. per lb.
Tallow oil, ¼c. per lb.
Teaseed oil, ¼c. per lb.

Reduced

Menhaden oil, refined, 2-10c. per lb.
Neatsfoot oil, cold test, ¾c. per lb.
Sardine oil, refined, 2-10c. per lb.
Whale oil, refined, 2-10c. per lb.

July 11, 1938

Price Changes

Prices were changed during the past week as follows:—

Advanced

Chinawood oil, drums, ¼c. per lb.
Coconut oil, Coast, ¼c. per lb.
Lard, Western, 10c. to 25c. per 100 lbs
Lard oil, prime edible, ¼c. per lb.
Oleo oil, No. 1, ¼c. per lb
Olive oil, 2c. per gal
Stearin, ½c. per lb.

Reduced

Menhaden oil, refined, 2-10c. per lb
Sardine oil, refined, 2-10c. per lb.

OIL, PAINT AND DRUG REPORTER

LIQRO A blend of crude pine fatty acids with the following standard specifications as of July 1, 1938:

Physical Data	
Specific Gravity 60°F/60°F	0.96-0.98
Pour Point	Not over 45°F
Viscosity: Saybolt Universal—	
At 100°F—Seconds	800-900
At 210°F—Seconds	110-130
Flash Point	350-370°F
Fire Point	410-430°F
Color	Brown
Moisture Less than	0.2%
Chemical Data	
Acid Number	150-160
Saponification Number	160-170
Rosin Acids Number	76- 82
Iodine No. (WIJS)	150-180
Ash Less than	0.3%
Analysis	
Fatty Acids	45-55%
Rosin Acids (Calculated as abietic)	40-45%
Sterols—(Higher alcohols)	6-10%

INDUSOIL

Excellent as a blend with red oil for textile soaps. Can be used with red oil for other applications including cutting oils, drawing compounds, soluble oils, pine scrubs, etc.

A blend of refined fatty acids with the following standard specifications as of May 16, 1938:

Acid Number	170-180
Saponification No.	170-185
Rosin Number	60-67
Moisture Less than	.1%
Ash Less than	.1%
Color Not More than	70 Yellow
Color Not More than Using Lovibond Colorimeter Half Column	40 Red
Fatty Acids (Calculated)	55-60%
Rosin Acids (Calculated)	34-38%
Sterols (Calculated)	6-10%
Specific Gravity at 60° F.	.96 to .98
Viscosity (Saybolt Univ.)	
At 100°F.	300-400 sec.
At 210°F.	50-70 sec.
Flash Point	350-380°F.
Fire Point	410-430°F.

Other specifications special and must be indicated on order.

If these constant price changes affect the costs of your products, why not investigate the application of INDUSOIL (refined tallol) and LIQRO (crude tallol) in your process. As they are produced in large quantities in the Kraft Paper Industry, these domestic fatty acids are not subject to wide price fluctuations. Thus with INDUSOIL and LIQRO you get the double advantage of inexpensive fatty acids that are stable in price, allowing you to figure your product costs over long periods.

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Pigment Standards Proposed by A.S.T.M.

—Continued from page 3

fore making a definite recommendation to the society. A number of changes in existing standards were recommended, including modifications in the analysis of dry cuprous oxide, on which a series of tests have been carried out, and numerous specifications for pigments and solvents.

At the session of committee D-1, Dr. H. A. Gardner, director of the scientific section of the National Paint, Varnish and Lacquer Association, as representative on the International Standards Association's committee on paint materials, advised that, during the past year, discussions had been carried on by mail on specifications and methods of analysis of red lead, white lead, zinc white, lithopone, iron oxide, and titanium white. From the result of cooperative studies which have been made, it is expected that the I. S. A. committee may make recommendations for the analysis of zinc white and lithopone.

It was reported that one of the subcommittees of committee D-1 had concluded the preparation of a questionnaire dealing with service testing of paints, varnishes and lacquers, to be published first in the *ASTM Bulletin* and then reprinted for distribution to those in the paint industry interested in accelerated testing methods. The purpose of the questionnaire is to determine what tests are actually in use that indicate service qualities of organic finishes, the relative importance of each quality for which tests are made, the reliability of the test, and a description of the method.

One of the subcommittees is investigating the possibility of standardizing the method for determining the consistency of enamel-type paints, taking under consideration the Stormer viscometer, Gardner-Parkes mobilmeter, and the A.S.T.M. consistency cup specified for nitrocellulose lacquers, together with the Ford cup.

Definitions and method of test for determining gloss of paints, have been developed and will be subjected to practical test during the coming few months.

A new subcommittee, XXIX, on painting of structural iron and steel, made its first report, outlining a program of study to be conducted during the coming year.

Committee D-1 went on record as approving a plan to sponsor a symposium on "Testing" at the 1939 annual meeting of the society, which is to be held in Atlantic City.

At the conclusion of the presentation of reports, a paper on "Gloss—Its Definition and Method of Test" was presented by Dr. D. B. Judd, of the National Bureau of Standards.

F.T.C. Charges Hit Glass Manufacturers

—Continued from page 5

M. Raferty, and Glaziers Local Union No. 513, of the same brotherhood, and its business agents, James F. Egan and Edward W. Hill.

Also named as a respondent is E. V. Hanser, who, the complaint charges, is employed by the four glass distributing companies to provide a central agency for the formation and enforcement of the allegedly unfair policies used by them in conjunction with the other respondents.

The complaint charges that the respondent distributors engaged in various unfair practices in the St. Louis trade area, including the following:—Apportion among themselves the selling of glass and the glazing contracting business; fix and maintain prices at which glass is sold by distributors and at which it is supplied and installed, and compel competitors to buy from the respondent distributors at prices above quoted by manufacturers.

The complaint further charges that the respondent distributors and the two glazier unions entered into an agreement under which distributors who failed to employ four glaziers at $12 a day each would not be recognized as glazing contractor, and lacking such recognition, could not hire glaziers to install glass. It was alleged that a committee, which consisted of one official from each company, arranged a confidential price schedule, to be used in bidding.

OPD Forum

—Continued from page 4

the end of the year 1936 London brokers quoted £75 for the 80 percent basis, and £73 for industrial white. Such curious market developments are peculiar only to a product like glycerin, and it occurs that distillers dilute the refined glycerin and convert it to its primary condition, so that they are enabled to make profits by this simple operation in any such cases. Of course, such anomalies are always of short duration and tend to swing back to a state of natural balance.

The opinion alluded to above—that the present ratio is not far off the "natural" mark—is, of course, an approximate one, because the true statistical position of the European glycerin market, as distinct from the state of things in the United States, is very indeterminate. At any rate, however, the ratio of 1:2 points to the nonexistence of any heavy demand for crude glycerin by European distillers thus far. As a matter of fact, a better appreciation of the crude in proportion to the refined grades is simply indicative of the desire of the refining branch which, it is true, is often enough controlling of the primary production of glycerin, to attract as much of it as possible. This demand is not yet in evidence.

Very recently, however, a new price factor has emerged, which is of a nature to continue its influence on the international crude glycerin markets. It is the present and still more imminent Japanese dumping of crude on European and American markets. The glycerin industry of Japan is of a very recent date, for prior to the World War Japan had to import all its requirements of this commodity. Production of glycerin there began faintly in the year 1916 on the basis of Australian tallows and some vegetable oils. In 1923 the Japanese Glycerin Company amalgamated with the Godo Yushi K. K.; at present there are some fifteen glycerin producers in Japan with an aggregate annual capacity of upward of 10,000 tons, the basis materials being also fish oil, soybean oil, and whale oil, because foreign currency must be economized. Unexpectedly Japanese glycerin production turned out to be too abundant for domestic needs, the more as at the instigation of the War Ministry at the same time glycol production was strongly encouraged to secure a greater measure of autarchy for explosives in future. In spite of efforts made to encourage the better consumption on the home market, excessive stocks of some 10,000 tons of glycerin have to find an outlet on foreign markets. It appears that the Glycerin Joint Sales Company, after unsuccessful efforts toward normal transactions, has finally embarked upon a definite dumping of this exportable surplus on foreign markets. Already 1,000 tons of glycerin have been contracted by this body to European and American markets; the actual price is reported to be below the present replacement costs for glycerin in Japan. The consignments are to be made at an early date. Further contracts are expected to be concluded in due course.

Zandvoort, Netherlands, July 4, 1938. DR. JAMES RUBINFIELD.

W. S. Gray Vacationing

William S. Gray, president of William S. Gray & Co., commission merchant specializing in methanol and general chemicals, sailed on July 8 on the steamship Laconia bound for Great Britain. Mr. Gray's trip is recreational and will take him to all parts of the British Isles. His number of friends in England is large and the plans for his visit assure him a busy time between sailing and his return on August 1.

Medicinal and toiletry manufacturers in Germany have been listed by Bureau of Foreign and Domestic Commerce, Washington, D. C. The list is available to accredited American firms at 10 cents per copy.

Oils, Fats, and Waxes

Soybean Oil Advanced by Producers—Copra and Coconut Oil Higher — Cottonseed Oil Consumption in June Larger Than Expected—Chinawood and Teaseed Oils Up—Trade More Active

A firm tone continued to prevail in the markets for miscellaneous oils, fats and greases, further advances being recorded in various products. There was a further increase in trade. Much of the purchasing was still apparently limited to moderate quantities, but the movement of such lots showed an increase as compared with the previous period. The monthly cottonseed report from the Census Bureau showed that the consumption of refined oil in June was larger than generally expected, the disappearance being 283,592 barrels against 273,266 in the previous month and 246,075 barrels in the same month last year. For eleven months of the season ended with June the consumption of refined cottonseed oil was 3,935,717 barrels against 2,718,446 barrels in the same time in the previous season.

Chinawood oil remained firm abroad and the tendency of prices in domestic markets was still upward though changes were slight. Soybean oil was advanced by producers. Crude coconut oil was higher following a further rise in copra. Whale oil was easier, quotations being reduced slightly by some sellers. Refined menhaden and sardine oils were steady at the downward revision in selling schedules announced in the previous week. Quotations on refined animal oils were stationary. Cash lard was irregular in company with futures, changes in quotations generally being moderate. Offerings of tallow were light and the market retained a firm tone.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Babassu oil, ¼c. per lb.
Carnauba wax, No. 3, chalky, ½c. per lb.
No. 3 North Country, ½c. per lb.
No. 2 North Country, ½c. per lb.
No. 1, yellow, ½c. per lb.
refined, ½c. per lb.
Chinawood oil, ½c. per lb.
Coconut oil, crude, ¼c. per lb.
Copra, 2-10c. per lb.
Corn oil, ¼c. per lb.
Cottonseed oil, edible, ¼c. per lb.
Lard, 25c. to 40c. per 100 lbs.
Menhaden oil, crude, 1c. per gal.
Olive oil, denatured, 3c. per gal.
Olive oil foots, ½c. per lb.
Peanut oil, crude, ¼c. per lb.
Soybean oil, ½c. per lb.
Teaseed oil, ½c. per lb.

Reduced

Whale oil, refined, 2-10c. per lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
106.8	**105.5**	**103.4**	**136.6**

Market news that may have developed after this report was sent to press will be found on page 4.

Vegetable Oils

Chinawood. — A firm tone continued to prevail in domestic markets in the absence of any material change in the situation abroad. Variations in primary quotations were narrow but the tendency was upward at times and late in the week reports were current to the effect that business had been closed here at as high as 11.6c. per pound in tankcars for spot oil. In one quarter 11.5c. per pound was quoted but the views of importers as to values were generally a shade over that figure. Offerings from abroad were still reported as light owing to uncertainty concerning future supplies. Spot stocks in some local quarters appeared to have diminished.

SAN FRANCISCO, July 12.—A firm tone ruled in the market here for chinawood oil. Fair transactions were reported at 11¼c. per pound and there was apparently none available at less than that figure. Offerings from China were light.

Coconut. — The local market for crude oil was stronger, the tone being influenced by an upward trend in copra abroad and here. The latter commodity was reported to have sold at from 2c. to 2.10c. per pound, with little available late in the week on the rise. Crude oil was advanced ¼c. per pound, sales being reported at 3⅝c. per pound in tankcars. The coast market was firm with quotations ranging from 3¼c. to 3½c. per pound, according to position. Refined oil was in fair demand here with the market steady.

SAN FRANCISCO, July 12. — Crude coconut oil firm. Quoted at 3¼c. to 3½c. per pound in tankcars, f.o.b. Pacific Coast ports and/or mills for delivery in nearby and forward positions. Copra quieter during the week but offerings light and tone firm, quotations ranging from 2.05c. upward.

Cottonseed. — Edible oil was firmer, quotations being advanced ¼c. by refiners. There was a fairly active demand. Offerings of foreign semi-refined oil were reported as light here though coast advices reported considerable activity.

SAN FRANCISCO, July 12.—Japanese semi-refined cottonseed oil quoted at 8.30c. per pound in tankcars, duty paid, f.o.b. San Francisco, for delivery out of spot stocks. Brazilian oil is quoted for shipment from source at 8½c. per pound in tankcars, duty paid, f.o.b. San Francisco. Sales of spot Japanese oil here last week were reported as large.

Olive. — Denatured oil was firmer, influenced by a shrinkage in supplies. Spot quotations were advanced 3c. to 5c. per gallon by some sellers. Foots met with a somewhat better inquiry and the market was firmer, quotations being advanced ⅛c. to ¼c. per pound.

Peanut.—Southern markets for crude oil were generally firm. In some sections prices were ⅛c. to ¼c. higher with offerings light. The July government crop report estimated the acreage of peanuts grown alone for all purposes at 2,154,000 acres which is 3.2 percent higher than the previous record acreage grown in 1936.

There was no trading in shelled peanut features on the New York Produce Exchange from July 9 to July 15, inclusive. Following is a price record of the week:—

	Cents per pound		
	High.	Low.	Close.
July	...	...	5.60@6.00
October	...	...	5.55@5.80

Perilla. — The market retained a firm tone, 9.6c. per pound upward being quoted for crude on spot. There was a fair inquiry.

Soybean. — The market was stronger, crude being advanced to 6.7c. per pound in tankcars on spot. Demand was more active. The July government crop report estimated the acreage of soybeans grown alone in 1938 at 6,743,000 acres, an increase of 9.8 per cent over 1937.

Teaseed. — Demand was more active and the market was firmer, sales being reported at 8c. per pound.

Markets at Other Centers

San Francisco, July 12.—With a steady to strong undertone ruling the market, vegetable oils last week were recovering from some of their recent recessions in price and there was for the most part a fair interest shown by the purchasing side of the market to take on stocks. An especially good demand was noted in edible products, both coconut and cottonseed oil advancing in price along with a pickup in trading.

BABASSU.—Quoted at 6¼c. per pound in tankcars, nominally, f.o.b. mills, Pacific Coast.

PERILLA.—Quiet. Perilla oil is unchanged, with no demand apparent at the moment. Quoted on the basis of 9¼c. per pound, nominally, in tankcars, prompt or deferred shipment, f.o.b. San Francisco.

RAPESEED. — Refined and denatured rapeseed oil is quoted on the basis of 6c. per pound in tankcars, f.o.b. Pacific Coast ports for shipment out of the Orient. Quoted at 6¼c. per pound on the spot.

TEASEED.—Quoted nominally on the basis of 7½c. per pound in tankcars, f.o.b. Pacific Coast ports, with supplies light.

Chicago, July 15.—A better tone is apparent in the whole list of vegetable oils, with prices ruling higher and buyers showing considerable interest in the market.

COCONUT.—Coast basis, tanks, July-forward, 3⅜c. to 3½c. per pound. Refined,

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

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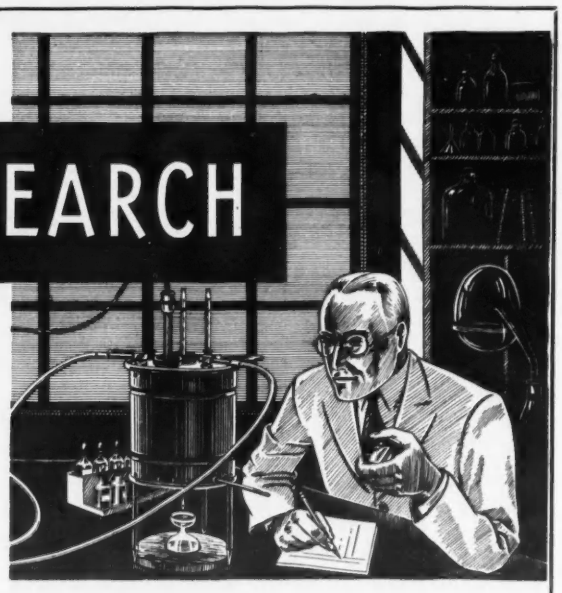
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edible oil, 9¼c. to 9½c. per pound, barrels, car lots; and 9½c. to 10c., barrels, less than car lots.

CORN.—Crude, low acid, 7½c. to 7¾c. per pound, partly nominal. Refined, edible oil, 9¾c. to 10c. per pound, barrels, car lots; and 10¼c. to 10½c., barrels, less than car lots.

CHINAWOOD.—Ruling nominal, 12.7c. to 12.8c. per pound, prompt; and 11.5c. to 11.6c., deferred.

PEANUT.—Crude, 7½c. to 7¾c. per pound.

SOYBEAN.—Crude, mills, 6c. to 6½c. per pound. The market for soybeans on the Chicago Board of Trade was quiet during the week, quotations being more or less nominal much of the time. Cash interests and traders were disposed in many cases to hold off for fresh developments in grain as well as in the soybean crop situation. Offerings were generally light. The July government report estimated the acreage of soybeans grown alone in 1938 at 604,000 acres, or 9.8 percent higher than in 1937 and 103,000 acres above the previous high record acreage in 1935. The location of the areas of increased acreage and the comparative prices of the two seeds, however, seem to indicate that a large part of the increase in acreage of soybeans grown alone is for soil improvement. Following is a price record, per bushel, for the week:—

	High.	Low.	Closing July 15.	Closing July 8.
Cash, No. 3..	$0.91¾	$0.91¾	$0.91¾	$0.91
July	.87⅞	.87¼	.91¾	.87½
October	.84⅞	.84	.84¾	.83⅝
December	.84⅞	.84	.84⅞	.83⅝

Linseed Oil

Changes in flaxseed prices in domestic and foreign markets were moderate. Linseed oil, cake and meal steady.

Flaxseed—DULUTH, July 15.—Trade attention is closely centered on weather in the Northwest as the present is the critical period. Temperatures have not been too high in flax growing areas, though complaints are heard of lack of rainfall. Some field reports indicate an average yield of nine to 10 bushels per acre. Cash business here remains at a standstill and supplies in store are only 17,000 bushels.

The week's closing price range was as follows:—

	Cash.	July.	Oct.
Saturday	$1.78	$1.78	$1.78
Monday	1.78	1.78	1.78
Tuesday	1.78	1.78	1.78
Wednesday	1.78	1.78	1.78
Thursday	1.78	1.78	1.78
Friday	1.78	1.78	1.78

Crop movement in bushels follows:—

	Receipts 1938.	Receipts 1937.	Shipments 1938.	Shipments 1937.
This week..	924	2,993	....	....
Since Aug. 1...	942,172	971,971	1,214,731	2,005,881

MINNEAPOLIS, July 15.—Cash flax receipts are small and in good demand at firm prices. Most of the buying is done by crushers but a cash house buyer steps into the market occasionally and picks up a car of choice seed to arrive for shipment to the head of the lakes. There is no real elevator buying but some of the seed purchased by crushers is intended for delivery in September. So far only 3,000 bushels have been tendered on July contracts and at the close of the Monday session there was only 3,000 left open.

Seed delivered on May contracts still is held in storage here and most of it is hedged in September contracts. If present crop prospects hold there may be some switching back to July futures and tenders of poor seed. Stocks on hand here are decreasing moderately in spite of the small operations of mills.

About all the trade is interested in at present is the new crop and most of the news is good. Government figures on prospective production are regarded as low and the yield per acre is expected to be much better than forecast, especially in Minnesota. There has been plenty of rain and so far grasshoppers have not invaded territory where flax is under production in quantity.

The week's closing price range was as follows:—

	Cash.	July.	Sept.
Saturday	$1.83½	$1.79½	$1.79½
Monday	1.82½	1.78¾	1.78½
Tuesday	1.83	1.79	1.79
Wednesday	1.82½	1.78	1.78½
Thursday	1.82½	1.78	1.78½
Friday	1.81	1.76½	1.77

Crop movement in bushels as follows:—

	Receipts 1938.	Receipts 1937.	Shipments 1938.	Shipments 1937.
This week..	15,500	13,200	....	7,770
Since Sept. 1...	3,906,460	4,587,590	840,610	462,440

WINNIPEG, July 15.—The flaxseed market was quiet. The week's closing price range was as follows:—

	Cash.	July.	Oct.
Saturday	$1.43½	$1.43½	$1.45
Monday	1.43¾	1.43¾	1.46½
Tuesday	...	1.46	1.47½
Wednesday	1.46½	1.46½	1.47
Thursday	1.46	1.46½	1.46½
Friday	1.45¼	1.45¼	1.46¾

BUENOS AIRES, July 15.—Opening prices per bushel on July contracts were:—

	Last week.	Last year.
Saturday	$1.21¾	$1.33⅞
Monday	1.23	1.37⅜
Tuesday	1.23	1.38¾
Wednesday	1.24¼	1.37¼
Thursday	1.23½	1.36
Friday	1.23½	1.36

Exports

To—	Bushels Last week.	Bushels Previous week.	Bushels Last year.
United States	291,000	303,000	.....
United Kingdom	4,000	.....	.....
Continent	327,000	228,000	736,000
Orders	142,000	197,000	91,000
Others	.....	118,000	47,000
Totals	764,000	846,000	874,000

Since January 1

To—	Bushels This year.	Bushels Last year.
United States	6,782,000	17,382,000
United Kingdom	1,086,000	476,000
Costinent	14,751,000	13,031,000
Orders	6,059,000	12,479,000
Others	1,360,000	3,965,000
Totals	30,038,000	47,333,000

Visible Supply

	Bushels.
Last week	5,906,000
Previous week	6,299,000
Last year	7,480,000

INDIA.—Exports of flaxseed from India last week were as follows:—

To—	Bushels Last week.	Bushels Previous week.	Bushels Last year.
United Kingdom	88,000	896,000	196,000
Continent	.....	112,000	.....
Others	.....	.....	.....
Totals	88,000	1,008,000	196,000

Since April 1—	Bushels This year.	Bushels Last year.
United Kingdom	4,172,000	2,800,000
Continent	224,000	120,000
Others	60,000	128,000
Totals	4,456,000	3,048,000

HULL, July 15.—Quotations on flaxseed were:—

	Per ton La Plata.	Per ton Bombay.
Saturday	£11¾	£13½
Monday	11⅞	13¼
Tuesday	11¾	13½
Wednesday	11⅞	13¼
Thursday	11⅞	13½
Friday	11⅞	13½

Linseed Oil.—A steady tone continued to prevail in the local market for linseed oil in the absence of any with fluctuations in flaxseed quotations. Selling schedules for oil were generally held at previous levels. There were reports of a somewhat better inquiry following the publication of the government flaxseed crop estimate what was somewhat lower than expected. The movement of oil on contracts previously placed apparently held up well.

The July government flaxseed report issued at the opening of the week estimated the production for the current season at 7,631,000 bushels, against 6,974,000 bushels last season. The yield per acre was estimated at 7.7 bushels, against 7.5 bushels in 1937. In some local and outside trade circles the government figures were regarded as too low.

Favorable crop reports continued to be received from private sources in the Northwest. Marketing of old crop seed was on a small scale. There was a fairly active demand for cash seed, and offerings were readily absorbed. Receipts of flaxseed at New York last week were 346,824 bushels.

MINNEAPOLIS, July 15.—There is a little more inquiry for new crop linseed oil but very little actual trade in same. Larger buyers still are taking some cooperage and tankcar lots for Summer shipment but are not booking round lots. Generally speaking the larger buyers are still following a very conservative policy and apparently are not ready to take hold of new crop oil until business shows more distinct improvement.

Shipping instructions on maturing contracts are good and stocks on hand are dwindling steadily. Only 10 percent of capacity is in operation and crushers plan on entering the new season with very light supplies of old oil. There may be a slight increase in operations next week because of the meal situation.

Quotations on carload lots, f.o.b. Minneapolis, tankcar lots, 8.2c. per pound; cooperage car lots, 8.8c. per pound, warehouse lots, 9.2c. per pound.

Shipments of oil in pounds were as follows:—

	1938.	1937.
This week	1,460,258	2,291,477
Since Sept. 1	57,349,354	67,128,622

SAN FRANCISCO, July 12.—There was a renewal of activity in this market last week when one or two of the larger paint manufacturers came in to contract for supplies during the next six-months' period. Business was said to have been

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

THE BRODE CORPORATION, MEMPHIS TENNESSEE
COTTON SEED MEAL, CAKE, HULLS, HULL BRAN, CRUDE AND REFINED COTTON SEED OIL, PEANUT AND SOYA BEAN PRODUCTS
Codes: Yopps, Robinsons, Bentleys, A. B. C. 5th Edition

of very fair proportions, tankcars having been entered into contract at 8.2c., it was learned. The market is firm. There was no change in posted quotations. Quoted:—Tankcars, 8.3c. per pound; drum car-lots, ex mill, 8.9c.; drum lots, ex warehouse, 9.3c.

CHICAGO, July 15.—Most linseed oil buying continues to be in small lots, but the aggregate amount of this business is reported sufficient to give a fairly good tone to this market. Ruling prices of representative sellers are:—Tankcar, 8.2c. per pound; car lots, 8.8c.; less than car lots, 9.2c.

LONDON, July 15.—Quotations on linseed oil were:—

	Per cwt. s.	d.
Saturday	23	7½
Monday	23	7½
Tuesday	23	6
Wednesday	23	9
Thursday	23	10½
Friday	23	10½

Cake and Meal.—A steady tone prevailed and quotations for spot material were maintained at former levels. Domestic trade in meal was quiet but the export movement of cake held up well.

MINNEAPOLIS, July 15.—There is little trade in meal, but the demand for small lots exceeds output most of the time and prices are holding well as there is no important competition from other concentrates. The current output is very light and there is no long supply held in secondary positions. Quotations on carload lots f.o.b. Minneapolis, 100 pound sacks, $40.50 to $41.00 per ton.

Shipments of meal in pounds were as follows:—

	1938.	1937.
This week	1,109,245	3,159,915
Since Sept. 1	116,346,230	100,148,945

CHICAGO, July 15.—A fairly good demand is reported to be continuing for linseed meal, with feeders still in the market for a certain amount of material. Round lot business is slow. Ruling prices are:—Round lots, $41.50 per ton, largely nominal; car lots, $41.50 to $42; less than car lots, $43 to $43.50.

Cottonseed Oil

Changes in refined oil futures were narrower than in the previous week. A firm tone prevailed in southern markets.

Cottonseed Oil.—The market for refined oil futures was quieter last week, local and other traders in some cases being inclined to curtail operations after the activity and advance of the previous week and await further developments in the crop situation as well as in the market for securities and various other commodities. Changes in prices were frequent but the fluctuations were within narrower limits than in the previous week. For the time being prevailing sentiment appeared to be less bullish. It was contended by some that the recent advance discounted much that is bullish in the situation as it exists at this time. There was little disposition, however, to take the aggressive on the selling side although there was scattered liquidation at times by recent buyers.

A development of interest was the publication of the monthly cottonseed report from the Census Bureau. This was received on Wednesday. The indicated consumption for June, 283,592 barrels, was larger than some had expected and the figures caused buying by local and trade interests and commission houses, these purchases causing a moderate advance after which a reactionary tendency developed. The consumption in the previous month was 273,266 barrels while in June last year 246.075 barrels were consumed. The June figures brought the consumption for eleven months of the current season up to 3,935,717 barrels against 2,718,446 barrels in the same time last season.

The visible supply showed a decrease during June of 233,500 barrels against 217,200 barrels in June last year. The total visible at the close of June was 1,802,800 barrels against 1,373,500 barrels a year ago and 1,132,500 barrels two years ago. Receipts at the mills from August 1 last to June 30 this year aggregated 6,550,925 tons against 4,484,291 tons in the same time last season; crushed 6,201,133 tons against 4,460,141 tons. Production of crude oil during eleven months of the season ended with June was 1,920,514,856 pounds against 1,350,589,063 pounds in the same time last season; refined oil 1,699,091,657 pounds against 1,283,729,413 pounds. Stocks of seed at the mills at the close of June were 391,367 tons against 45,841 tons a year ago; crude oil 46,761,441 pounds against 23,335,192 pounds; refined oil 365,751,449 pounds against 515,224,151 pounds.

The trend of hog and lard quotations was upward early in the week, but later on the tendency was reactionary. Cotton and grain were irregular. Miscellaneous oils, fats and greases were generally firm, further advances being recorded in various products. Business in these commodities was reported as more active. There was a fair demand for cash cottonseed oil and lard. The weight of the hogs received in western markets continued to increase, the average weight of the arrivals in Chicago during the week ended July 9 being 282 pounds against 276 pounds in the previous week. Stocks of lard in cold storage in the United States increased 2,542,000 pounds during June against a decrease of 9,353,000 pounds in the same month last year.

Trading in bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from July 9 to July 15, inclusive, comprised 1,203 contracts, a total of 72,180,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks. High.	Low.	Close.
January	8.85	8.53	8.78@8.79
July	8.70	8.49	.....
September	8.80	8.51	8.78 sale
October	8.84	8.50	8.78@8.79
December	8.85	8.52	8.77 sale
Crude, Southeast,	.0737½c.	nom.	

Chicago, July 15.—More interest is being displayed in the cottonseed oil market and as a consequence prices are higher. Good, off-Summer, yellow fig oil is 9c. per pound. Refined, edible oil is 10c. to 10¼c. per pound, barrels, car lots, and 10¼c. to 10½c., barrels, less than car lots.

Hull, July 15.—Quotations on cottonseed oil were:—

	Refined. Per cwt. s.	d.	Egyptian crude. Per cwt. s.	d.
Saturday	22	0	19	0
Monday	22	0	19	0
Tuesday	22	0	19	0
Wednesday	22	0	19	0
Thursday	22	0	19	0
Friday	22	0	19	0

Cake and Meal. — A steady or firm tone continued to prevail in Southern markets. According to official statistics, production during eleven months of the season ended with June was 2,774,723 pounds against 2,010,722 pounds in the same time last season. Stocks at the mills at the close of June were 260,168 tons against 73,190 tons a year ago.

Markets at Other Centers

Atlanta, July 13.—Prices of cottonseed products are firm. The southeast is reported more heavily infested with boll weevils than for several years. As a result the demand for calcium arsenate is comparatively heavy and considerable acreage has received an application of the poison. Cottonseed meal is scarce in the southeast where the demand for this material continues fairly active in feed and fertilizer fields.

Prime crude oil is offered at 7¼c. per pound but the market is quiet. Meal of 7 percent grade is quoted at $23 to $23.50.

Memphis, July 12.—Crude cottonseed oil firm though quiet. Buyers bidding 7⅜c. per pound. A few tanks of prime oil are available at 7½c., Valley basis. Some inquiries now in market for new crop oil but mills not inclined to sell until new seed begins to move owing to uncertainty as to the size of the growing crop. Meal firm at $23.50 per ton, Memphis basis, for 41 percent. Bulk slab cake $21 per ton at Valley points for 41 percent, prompt and August shipment. Stocks of meal at mill points in this section apparently light. No seed moving; nominal price $27 per ton. Weather continues hot. Crop making favorable progress but is spotted.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	July 7.	July 14.
August	23.25@23.75	23.65@24.00
September	23.85@24.00	24.00@24.50
October	24.25@—	24.35@24.90
December	—@—	24.85@25.15

Fatty Acids

Castor Oil.—This fatty acid remained in a steady position in the absence of any change in basic material. There was a fair movement to makers of cosmetics, shampoos and synthetic resins but consumers were apparently disinclined to purchase ahead to any material extent.

Coconut Oil. — With basic material in upward trend, the market for coconut oil fatty acid had a firmer tone. There was apparently no broadening of demand but a fairly active inquiry for moderate quantities was received in some quarters from makers of soaps, cosmetics and synthetic resins.

Cottonseed Oil.—The market for this fatty acid retained a firm tone as crude material continued to display strength at times. There were reports of some further improvement in demand from makers of resins and soap products.

Perilla Oil. — Consumers in the synthetic resin industry were not inclined to anticipate to any extent but there were reports of some increase in the inquiry as a result of the upward trend recently in the market for basic material. Fatty acid prices were steady.

Stearic Acid. — The firmer tone recently noted was still in evidence last week, but prices were without quotable change. There was a fair movement to makers of soaps and candles.

Tall Oil. — This fatty acid continued to display a steady tone, selling schedules being held at the levels previously noted. There was a fairly active inquiry from makers of chemical and other compounds and a steady movement was also noted on unfilled contracts.

Markets at Other Centers

Chicago, July 15.—Fatty acids markets have become more active on a somewhat stronger and higher price structure here in the last few days, in keeping with the better tone that now pervades the general run of the related market situation.

FATTY ACIDS.—Corn oil, double distilled, 8c. to 8¼c. per pound, tankcar; 8½c. to 8¾c., barrels, car lots; 9c. to 9¼c., barrels, less than car lots; coconut oil, acidulated, 8½c. to 8¾c. per pound, tankcar, mostly nominal; 9c. to 9¼c., barrels, car lots; 9½c. to 9¾c., barrels, less than car lots; cottonseed oil, double distilled, 7½c. to 7¾c. per pound, tankcar; 8c. to 8¼c., barrels, car lots; 8½c. to 8¾c., barrels, less than car lots; settled cottonseed soap stock, 60-32 percent basis, 3c. to 3⅛c.; boiled down soap stock, 4c. to 4⅛c.; cottonseed foots, 50 percent basis, 1⅜c. to 1½c.

STEARIC ACID.—Distilled, single press, 10½c. to 11½c. per pound; double press, 11c. to 12c.; triple press, 13¾c. to 14¾c.; saponified, ¼c. higher.

Waxes

Bees.—Most sellers of crude wax reported business being very light last week. Competition, especially for business in African wax, was reported to be keen, and in most respects it was a buyers' market. Refined and bleached wax moved fairly well, and prices appeared to be in steady position.

Candelilla.—A steady market was reported, but actual sales into consuming channels were conservative so far as most spot dealers were concerned. Primary market controlled prices were firmly held and full limits had to be paid at all times.

Carnauba.—Prices were slightly higher. No. 3 chalky and North Country in ton lots were priced at 34½c. to 35c. per pound; five-bag lots, 35c. to 35½c.; one-bag lots, 35½c. to 36c.; No. 2 North Country, 38c. to 38½c.; refined, 38c. to 38½c.; No. 1 yellow, ton lots, 41c. to 41½c.; five-bag lots, 41½c. to 42c.; one-bag lots, 41½c. to 42c.; No. 2 yellow, 39½c. to 40c. The Brazilian market held very firm, and shippers ordinarily refused to accept bids. Even at the current spot prices profits were limited by

—*Continued on page 59*

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

Cottonseed Crushings Increase

Cottonseed received at mills, crushed and held, and cottonseed products manufactured, shipped out, and held, August 1 to June 30, 1938, and 1937, amounted, according to the Bureau of Census, to the following quantities:—

Cottonseed
Received, Crushed, and Held

	Received at mills* Aug. 1 to June 30. 1938.	1937.	Crushed Aug. 1 to June 30. 1938.	1937.	On hand at mills June 30. 1938.	1937.
	Tons					
United States	6,550,925	4,484,291	6,201,133	4,460,141	391,367	45,841
Alabama	437,723	333,301	425,636	333,653	12,308	365
Arkansas	625,782	451,717	591,691	450,012	33,975	2,331
California	288,943	174,453	252,503	168,368	41,908	7,193
Georgia	621,794	476,549	604,124	471,804	19,998	6,327
Louisiana	288,026	241,355	281,242	242,825	6,988	204
Mississippi	1,027,723	832,660	955,366	813,852	80,323	20,844
North Carolina	280,552	232,832	280,142	233,117	9,821	405
Oklahoma	276,935	83,000	274,452	83,306	2,985	749
South Carolina	284,216	221,417	283,202	222,138	1,664	464
Tennessee	435,866	356,758	421,520	356,881	14,759	688
Texas	1,703,795	917,671	1,572,034	921,774	154,633	5,773
All other states	270,570	162,578	259,221	162,351	11,945	498

* Includes seed destroyed at mills but not 42,394 and 21,926 tons on hand August 1, nor 146,163 tons and 96,198 tons reshipped for 1938 and 1937, respectively.

Cottonseed Products
Manufactured, Shipped Out, and Held

	On hand August 1.	Produced Aug. 1 to June 30.	Shipped out Aug. 1 to June 30.	On hand June 30.
Crude oil, pounds—				
1937-1938	*11,141,266	1,920,514,856	1,904,951,354	*46,761,441
1936-1937	19,191,508	1,350,589,063	1,353,775,854	23,335,192
Refined oil, pounds—				
1937-1938	†441,052,343	‡1,699,091,657	.....	†565,751,449
1936-1937	318,873,305	1,283,729,413	.....	515,224,151
Cake and meal, tons—				
1937-1938	41,952	2,774,723	2,556,507	260,168
1936-1937	65,053	2,010,722	2,002,585	73,190
Hulls, tons—				
1937-1938	63,422	1,594,299	1,481,940	155,781
1936-1937	23,893	1,132,159	1,091,812	64,240
Linters, running bales—				
1937-1938	61,547	1,439,286	981,116	519,717
1936-1937	43,819	1,117,479	1,075,109	86,129
Hull fiber, 500-lb. bales—				
1937-1938	1,828	63,975	35,948	29,855
1936-1937	88	47,510	45,221	2,377
Grabbots, motes, etc., 500-lb. bales—				
1937-1938	7,379	80,856	46,139	42,096
1936-1937	2,991	52,381	47,120	8,252

* Includes 4,272,188 and 15,990,041 pounds held by refining and manufacturing establishments, and 4,369,480 and 12,708,300 pounds in transit to refiners and consumers, August 1, 1937, and June 30, 1938, respectively.

† Includes 13,349,453 and 4,341,984 pounds held by refiners, brokers, agents, and warehousemen at places other than refineries and manufacturing establishments, and 7,957,878 and 9,415,488 pounds in transit to manufacturers of lard substitute, oleomargarine, soap, etc., August 1, 1937, and June 30, 1938, respectively.

‡ Produced from 1,864,743,642 pounds of crude oil.

Exports and Imports for Ten Months Ended May 31

	1938.	1937.
Exports—		
Oil, crude, pounds	2,386,059	183,672
Oil, refined, pounds	4,644,120	2,437,496
Cake and meal, tons of 2,000 pounds	84,462	4,335
Linters, running bales	238,715	227,373
Imports—		
Oil, crude, pounds	*42,912	22,318,965
Oil, refined, pounds	*41,478,024	139,083,868
Cake and meal, tons of 2,000 pounds	3,992	27,656
Linters, bales of 500 pounds	13,195	43,133

* Amounts for June not included above are 8,662,609 pounds refined "entered directly for consumption," 4,257,214 refined, "withdrawn from warehouse for consumption," and 5,963,651 refined, "entered directly into warehouse."

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Drugs, Fine Chemicals

Two Advances in Crude Iodine Prices Raise Iodide Schedule Sharply—Calcined Magnesia Makers Set Single Price for All Grades and Quantities—Mercury Off

Price features outstanding in the market for drugs and fine chemicals were the sharp rise in schedules on crude iodine and iodides, an advance on calcined magnesia, a slightly higher position on menthol, and a reduction in the quotation on quicksilver—a decline that did not affect the schedule on mercurials. The market as a whole seemed to be in well stabilized position with the majority of products showing steady prices. Demand was said to be moderately active but to have shown improvement that kept the market in line with the generally improved commercial conditions in the nation.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Acid, hydriodic, 10c. per lb.
Ammonia iodide, 20c. per lb.
Arsenic iodide, 20c. per lb.
Barium iodide, 15c. per lb.
Cadmium iodide, 15c. per lb.
Calcium iodide, 15c. per lb.
Cocoa butter, ½c. per lb.
Ethyl iodide, 15c. per lb.
Iodine, crude, 12c. per lb.
Iodine, resublimed, 25c. per lb.
Iodoform, 20c. per lb.
Iron iodide, 15c. per lb.
Lead iodide, 15c. per lb.
Magnesia, calcined, 3c. per lb.
Manganese iodide, 15c. per lb.
Menthol, 5c. per lb.
Mercury iodide, red, 15c. per lb.
green or yellow, 15c. per lb.
Potash iodide, 20c. per lb.
iodate, 15c. per lb.
Soda iodide, 20c. per lb.
Strontium iodide, 15c. per lb.
Sulphur iodide, 10c. per lb.
Thymol iodide, 10c. per lb.
Zinc iodide, 20c. per lb.

Reduced

Quicksilver, $2 per flask.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
183.2	182.3	181.6	181.5

Market news that may have developed after this report was sent to press will be found on page 4.

Acid, Boric. — Arrangements covering consuming requirements of the near and far distant future have been about completed and a fair sized business is now on the books of the producers at the higher prices established July 1. Orchard soils in certain sections of British Columbia have been found to be low and widespread; use of boric acid for control of drought spot and corky core in apples has been adopted. Application to the soil at the rate of 30 pounds per acre has been recommended and the practice is to apply the boric acid in August to give full control in the next season's crop. A more detailed report issued by the Dominion Laboratory of Plant Pathology, Summerland, B. C., is on file and will be made available to interested inquirers upon application to the Chemical Division, Bureau of Foreign and Domestic Commerce, Washington, D. C.

Acid, Citric. — Very good request was noted. Prolonged hot weather raised consumption of beverages and hence manufacturers increased their use of this acidified. Prices remained low, steady, and favorable.

Acid, Mandelic. — The movement has been moderate but very steady for some time past and reports last week indicated a well sustained call being met on the basis of prices that were fully firm in all quarters.

Acid, Tartaric. — Consumption conditions were favorable. Hot weather prevailed and numerous acidified products received an expanded call during the past week. Demand, plus replacement cost, continued to keep prices to a very firm position. The tendency, if any, was upward.

Alcohol. — Reports of price shading on industrial alcohol were noted, but no official change was made in prices. It will be recalled that on July 1 industrial alcohol prices were extended to the end of the year. Business in the alcohol market was routine at all times last week and signs of a fundamental change in conditions related to consumption were lacking.

Aloe. — Strength continued to dominate prices on this article and news from the source failed to bring any views indicative of an early change in that aspect of the market.

Aloin. — Recent advances were fully maintained and the market was also the recipient of a very good request from consuming quarters.

Bismuth Metal and Salts. — Values failed to improve. Metal remained very steady and the quotations on salts continued to be on the low levels that have been the subject to complaint among producers for a considerable length of time. Demand varied little from the routine character prevailing over a substantial period of time.

Borax. — Consumers' requirements have resulted in a very good amount of business going on the books of the leading suppliers on the basis of the higher prices set up July 1, which prices, however, meant no increase in profit to the miners. The undertone of the market was very steady and outlook for the future suggested continuation of that condition.

Castor Oil.—Prices were retained unaltered by the leading manufacturers who also reported that movement into consumption was being maintained at a volume comparing favorable with that of record for some time past. Undertones were steady.

CHICAGO, July 14.—A fairly good amount of trade interest is reported in castor oil, with firmness dominating the market. Orders are reported to be fairly good in size. Ruling prices are:—No. 1, barrels, car lots, 10½c. per pound; barrels, less than car lots, 10⅞c.; returnable drums, car lots, 9⅞c.; less than car lots, 10⅝c.; tanks, 9⅜c.; No. 3, barrels, car 10⅜c.; returnable drums, car lots, 9⅜c.; less than car lots, 10⅛c.; tanks, 8⅞c.

Cocoa Butter.—Prices have been advanced to 12c. to 12½c. per pound for car lot quantities in bulk, prevailing according to producer. The market continued to reflect the strength notable in general commodity markets in recent weeks.

Codliver Oil.—Fishing in Norwegian waters has come to an official end. The catch of fish was far ahead of that a year ago but the production of oil was 5,564 barrels less. Widening of demand on this market must await absorption of the fairly large stocks remaining in the hands of buyers.

BERGEN, June 27.—Final market report No. 18. The cod fisheries have been terminated and according to the official report issued today, the total catch and production in Norway this year amounted to 166,700,000 kilos of cod, and 70,245 hectoliters of crude oil. The total catch and production of the last five years are as follows:—

	Fish. Kilos.	Oil. *Hectolitres.
1938	166,700,000	70,245
1937	159,500,000	76,568
1936	137,100,000	64,147
1935	116,700,000	69,050
1934	144,000,000	84,251

* To convert into barrels, multiply by .88.

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

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EASTMAN TESTED CHEMICALS

It will be observed that the quantity of codfish caught this year was 7,200,000 kilos larger than in 1937 while the quantity of crude oil produced was 6,323 hectoliters less than in 1937.

Glycerin. — The basic position of this item seemed unchanged. Crude was reasonably steady so far as domestic goods were concerned but there seemed to be fairly large quantities of foreign merchandise seeking a market in this country. Quotations of the refiners were made and a fair though not expanding demand for their product was reported.

CHICAGO, July 14.—A fairly strong situation rules the c.p. glycerin market, as well as other grades of material. The orders are reported to have been reaching suppliers at a rather steady rate, and the volume in the aggregate is considered good. Ruling prices are:—C.p., drums, 14¼c. per pound; drums, less than car lots, 14¾c.; cans, 16¼c. to 18¼c., according to quantity; high gravity, drums, car lots, 13¾c.

Iodine and Iodides.—Two advances in the price of crude iodine were made by domestic producers last week. The first brought the base price of the producers to the basis of $1.02 per pound. The second, established $1.07. The final price was subject to a discount of 5 percent on quantities of 2,000 pounds, one delivery. The higher cost of crude compelled manufacturers of iodides to establish a sharp advance in the entire schedule. A full listing of the new and higher iodide and tincture of iodine prices will be found in the Prices Current.

Magnesia. — A fundamental change in pricing policy has been established on calcined magnesia. All producers now quote a single price, namely, 26c. per pound on either technical or U.S.P. goods. The price prevails at the works, and apply on all forms of the article, and applies to any quantity whatsoever. The new scheme was adopted in an attempt to bring about more stable conditions in the market. The shift in price scheme was productive of a 3c. advance over the lowest open quotation prevailing previously.

Menthol. — Although conditions influential in the market changed little since the advance that Japan established following the flood in Kobe, local quotations were up 5c. to make a market at $3.25 to $3.35 per pound. This position did little more than cover the replacement cost of the item. Demand remained irregular and always light, buyers not having been stimulated to gretater activity when the flood brought the Japanese advance.

Mercurials. — Undertones were very firm. Production costs held up well and even though demand was not expansive, it was sufficient to give added support to the general market position of the material.

Potash Glycerophosphate. — The 1,000 pound price was 90c. per pound, a quotation which, while not generally published, was said to have been available for some time past. In 100 pound lots, the article was priced at $1 per pound; 50 pound lots, $1.05; 25 pound lots, $1.15.

Quicksilver. — Prices were down to $80 to $83.50 per flask, quoted in leading quarters but offered without engagement and subject to confirmation. The fundamental position of the market was still one of substantial strength, there being practically only two large producers in a position to take large orders. The price for imported goods was still $83.50.

SAN FRANCISCO, July 12.—While the demand for quicksilver from the east coast remained light last week, sellers here have been reporting a very good local demand for use in gold mining and other operations. The price situation is unchanged, with $80 and $81 per flask, f.o.b. San Francisco heard for small lots.

Quinine. — Steady market conditions were reported. Demand has been stimulated by seasonal conditions, especially in the Southern states. Prices continued to be well stabilized at home and abroad.

Santonin.—The demand in the Spring and thus far this Summer failed to reach hoped-for volume. Prices were low and attractive but the principle buyers seemed to be fairly well supplied with raw material.

Silver Nitrate.—The schedule of prices since the last report prevailed as follows, covering quantities of 500 ounces, small lots from 1c. to 2c. more per ounce, and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices of bullion in New York and London is also provided.

	Per ounce		
		Bullion	
	Nitrate, Cents.	New York, Cents.	London, Pence.
Saturday	31½	42¾	19 5/8
Monday	31½	42¾	19 5/8
Tuesday	31½	42¾	19¾
Wednesday	31½	42¾	19¾
Thursday	31½	42¾	19 5/8
Friday	31½	42¾	19¾

Medicinal and toiletry manufacturers in Costa Rica have been listed by the Bureau of Foreign and Domestic Commerce, Washington, D. C. The list is available to accredited American firms at ten cents per copy.

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Our Reputation has been built upon strict confidence
Manufacturers, large and small, have found, over a long period of years, that their private formulas are absolutely safe in our hands. They have also found that our economically organized manufacturing, packing and shipping facilities not only save production worries but *save money*. May we talk over what we can do for you? A conference incurs no obligation on your part.
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VIKING
Petroleum Solvents
PENTANE
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LOW COST - HIGH QUALITY
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VIKING DISTRIBUTING CO.
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COLLODION U. S. P. and FLEXIBLE
CHAS. COOPER & CO., 6 Mulberry Street, New York, N. Y.
Works: Newark, N. J. Established 1857

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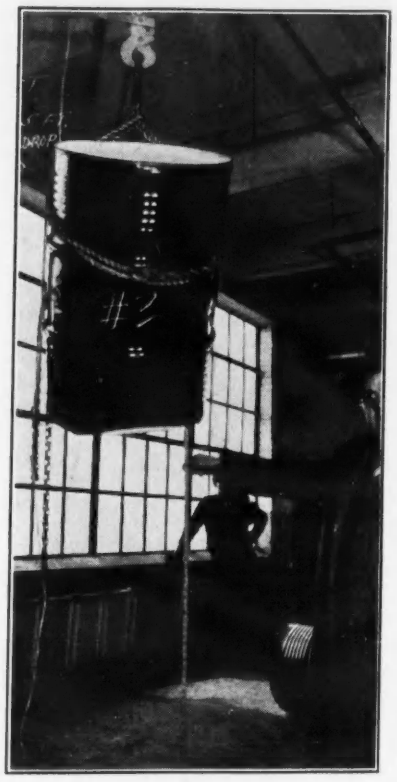
ALPHA LACTOSE
BETA LACTOSE
POWDERED-GRANULAR
IMPALPABLE
NATIONAL MILK SUGAR COMPANY
Division of The Borden Company
350 MADISON AVENUE NEW YORK, N. Y.

M.C.A. Drum Tests Prove Lighter Steels

—Continued from page 5

$\frac{3}{16}$ inch to ½ inch. The bulging pressure was from 3 pounds to 8 pounds, averaging $5\frac{7}{16}$ pounds for an average bulge of $\frac{19}{64}$ inch.

In the C type drums (18-gauge heads and 20-gauge body) the depth of the head below the chime ranged from ⅛ inch to ½ inch. The bulging pressure was from 3 pounds to 7½ pounds, averaging $5\frac{11}{16}$ pounds for an average bulge of $\frac{17}{64}$ inch.



Drum Ready for 5-Foot Drop Test After 4-Foot Drop

All the drums—four of each type—were sound, without a leak, when the heads had been bulged to the level of the chimes.

On the completion of the test at 36 pounds, the pressure was gradually raised in one drum of each type until it leaked. The type A drum failed at 83 pounds; the B drum, at 78 pounds; and the C drum at 70 pounds.

In the drop tests the drums, containing water, were dropped to land diagonally on the chime on a concrete floor. The first drop was from a height of 4 feet; if no leak resulted, the drum was dropped from 5 feet, and then from 6 feet, being so dropped that it landed on the same part of the chime each time.

The type A drums began to leak at an average drop of 4¾ feet, three going to 5 feet, and one leaking at 4 feet, probably because of an improperly rolled seam.

One type B drum did not leak after the third drop—from 6 feet. The other three leaked at an average drop of 4⅓ feet, two of them apparently having faultily rolled seams.

The type C drums began to leak at an average drop of 5¼ feet, two of them going to the 6-foot drop, and one leaking at 4 feet, probably because of an improperly rolled seam.

The average distortion at which the A drums leaked was a flattening $20\frac{1}{8}$ inches by 8¼ inches. That of the three B drums which leaked was $19\frac{1}{16}$ inches by 7⅛ inches. That of the four C drums was 22¼ inches by 11¾ inches.

In the impact tests the drums were dropped flat on their sides on a piece of 4-inch angle iron, fastened apex up on planking 9 inches above floor level. The drums were dropped successively from a height of 2 feet, 4 feet, and 6 feet until leakage occurred. The point of impact was between the rolling hoops and away from the opening. For each successive drop a drum was turned so that it did not strike twice at the same point.

Only one type A drum leaked after being impacted from the three successive heights. In this one the metal was fractured in the 6-foot drop at the junction of the distortion and that of a previous drop.

Three of the type B drums were caused to leak by the 6-foot drop, the metal being fractured at the junction of two distortions. One of these drums leaked after the 5-foot drop under the same condition.

All the type C drums went to the 6-foot drop, after which they all leaked through metal fractures at the junction of distortions. One type C drum was given a single impact drop of 6 feet; it sustained a dent 26½ inches long; but it did not leak.

Samples of steel from the sidewalls of drums of each type and manufacturer were subjected to tensile and Rockwell hardness tests and micrometered for gauge. The tensile test results showed that the samples varied considerably in physical properties. The stress-strain curves, however, indicated that all had received some final cold working, such as Ungerer leveling or cold rolling. The micrometer showed the samples to range from light 20 gauge to heavy 18 gauge.

Shipping Tests

In addition to the "laboratory" tests reported above, 55-gallon drums of the three types were subjected to actual shipping tests. In support of its conclusion from these tests—that all three types are safe shippers, although the type C will dent easier and its rolling hoops will flatten somewhat with heavy loads—the M.C.A. subcommittee presented the following data:—

One drum of each construction was shipped from Parlin, N. J., filled with water (450 pounds net) to Cleveland by l.c.l. freight and returned to Parlin. Inspection of these drums disclosed the following:—

Drum 2-A—Three minor dents; hoops and chimes in good condition.

Drum 2-B—Four minor dents; hoops and chimes in good condition.

Drum 2-C—Seven minor dents; hoops somewhat flattened and chimes slightly dented.

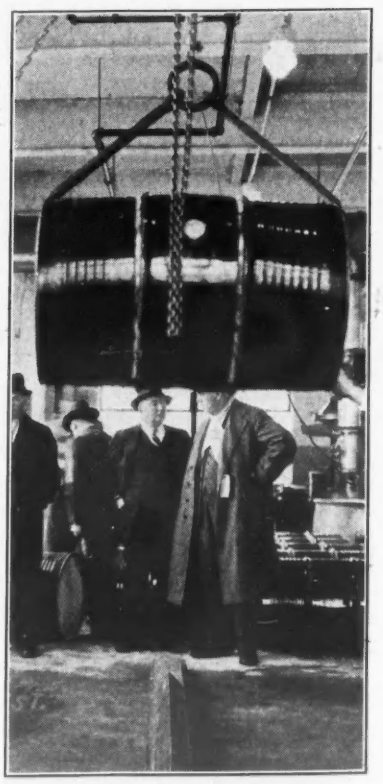
There were no serious defects noted in any of the drums.

One drum of each construction was shipped from Linden, N. J., to Chattanooga, Tenn., by l.c.l. freight and returned. Drums were filled with water, and calcium chloride was added to prevent freezing. The net weight contained in each drum was 506 pounds. Inspection of these drums disclosed the following:—

Drum 1-A—Two minor dents; hoops and chimes in good condition.

Drum 1-B—Four minor dents; hoops and chimes in good condition.

Drum 1-C—Eight minor dents, one major dent; hoops partially flattened; chimes in good condition. It was evident from the marks on this drum that it received a drop more severe than the other two drums encountered, causing a major dent. One pound of liquid had leaked through the bung of this drum; careful examination showed that leak was through a faulty plug gasket.



Drum Ready for 4-Foot Drop in Impact Test

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TARTARIC ACID
CREAM OF TARTAR
CITRIC ACID
ROCHELLE SALTS

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MILK SUGAR
think of
S-K-F"

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A customer who feels dissatisfied with a certain product is apt to make his first purchase of that brand his last. Because of this (for reorders are the life of our business) and because of a strict sense of responsibility to our customers, we maintain the quality of our plant drugs at a high peak *at all times.*

Penick raw materials are purchased carefully, and tested with scientific stringency. Cleaning and re-cleaning, drying, milling, and storage protection are all given skilled attention. We want to please, not just the first time, but on every order. The many names that remain on our books year after year attest achievement of that aim.

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CRUDE BOTANICALS
EXTRACTS
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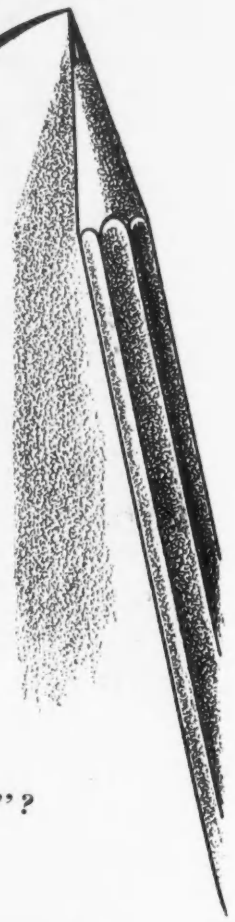

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THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

Savings in Lighter Drums

From its beginning, the interest of the Manufacturing Chemists Association in the potentialities of a lighter-weight nonreturnable steel container for certain purposes was spurred by the financial savings that would follow the introduction of a satisfactory drum containing less metal and therefore weighing less. With reference to this aspect of the matter the subcommittee conducting the tests commented as follows:—

Substantial container savings are involved. Based on figures supplied by the Steel Barrel Manufacturers Council for 1936 the probable year's production of 55-gallon 18-gauge drums is 7,785,875. Written quotations obtained from two barrel manufacturers show minimum savings of 11 cents per drum for the 19-gauge body sheet construction and 20 cents per drum for the 20-gauge body sheet construction. It is impossible to estimate the total savings, as full-open-head drums cannot be included and there is no information available to show what proportion of the production is fabricated in this construction.

However, it is conservatively estimated that the savings to shippers will be well over $1,000,000 per year for the 20-gauge body sheet construction.

Transportation costs will be less for shippers on "out freight" as the 19-gauge body construction weighs 5 pounds less than the present drum, and the 20-gauge body construction weighs 10 pounds less. Based on an average net contents of 450 pounds, this amounts to a reduction in the gross freight bill of 1 percent for the 19-gauge body construction and 2 percent for the 20-gauge.

If the average trip freight rate is 40 cents per 100 pounds, the saving would be 2 cents per drum for the 19-gauge body construction, and 4 cents per drum for the 20-gauge.

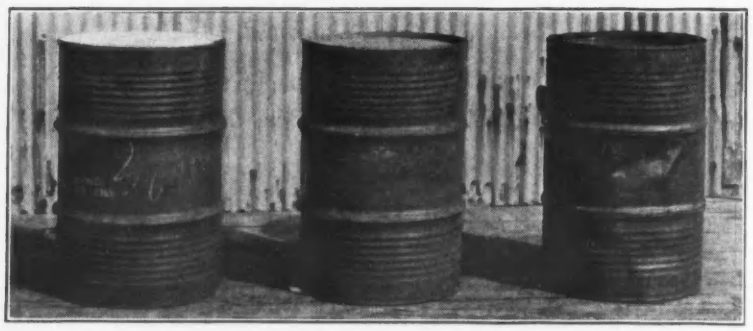
The subcommittee that arranged, supervised, and reported the test was composed of R. W. Lahey, chairman; M. F. Crass, D. G. Stewart, and T. P. Callahan, who is chairman of the steel barrels and drums committee.

The "laboratory" tests were conducted at the Parlin, N. J., plant of E. I. du Pont de Nemours & Co.

Present at the tests were the following members of the M.C.A. committee on steel barrels and drums:—T. P. Callahan, of the Monsanto Chemical Company; R. W. Lahey, of the American Cyanamid Company; D. G. Stewart and P. P. Kennedy (alternate for M. F. Crass), of E. I. du Pont de Nemours & Co.; H. V. Churchill, of the Aluminum Company of America; W. B. Sherry, of the General Chemical Company; Guy E. Carleton, of the Bureau of Explosives, associate, and R. P. Dieckelman, of the Pressed Steel Tank Company, associate.

The following guests also were present:—

T. Patrick Callahan, of the Monsanto Chemical Company; J. L. Chew and C. W. Clark, of E. I. du Pont de Nemours & Co.; R. L. Driscoll, of the Publicker Commercial Alcohol Company; W. L. Easterbrook, of the General Chemical Company; W. B. Nichol, of the Official Classification Committee; J. C. O'Neill, of the Standard Oil Company of New Jersey; K. Thornton, of the Shell Union Oil Corporation; E. H. Staber, of the Standard Vacuum Oil Company, and J. H. Tully and J. T. Willard, of the Socony-Vacuum Oil Company.



Drums After Completing Shipping Test

Drum Plug Corrosion Problem Met by Closure Manufacturers

Within a few weeks of the appearance of the new, lighter-weight I.C.C. 5E steel drums for use in the transportation of chemicals comes information that at least one manufacturer of drum closures is prepared to furnish plugs made from various metals. Manufacturing chemists know that certain metals are corroded by strong caustics and acids, while other metals are not affected. There is, therefore, timely aid to all shippers of chemicals in the announcement to the market by the American Flange & Manufacturing Company, this city, of drum plugs made from metal especially suited for safe shipping of various chemicals.

The need for plugs made from difficult metals has long been known, and with the advent of the new I.C.C. 5E drum this need has been thoughtfully established. This presents clear evidence of the value of the additional service offered by the American Flange & Manufacturing Company to users of these drums. Several manufacturers are reported already to have submitted plug problems to the closure company's engineers.

The American Flange & Manufacturing Company, says that it always tries its best to help solve its customers' problems, and that the manufacture of plugs from specific metals for use with specific chemicals is just another of its many efforts to give the most complete closure service possible. This additional service, it says, has already solved several problems which have been coincidental with the introduction of the I.C.C. 5E drum and to date has already proved its value.

Peoples Drug Stores sales in May totaled $1,718,572, against $1,893,364 in the similar month last year. Total for five months was $8,709,533, against $9,115,870 in the corresponding period of 1937.

C.S.A. Golf Tournament Won by Frank Green

Frank Green, of the National Aniline & Chemical Company, this city, won the low net prize for member at the second golf tournament of the Salesmen's Association of the American Chemical Industry, held at the Garden City County Club, Garden City, Long Island. Approximately seventy-five members participated.

Other prize winners included McWilliams, of the Monsanto Chemical Company; Henry Hermann, of the General Dyestuffs Corporation; George Bode, of the R. & H. Chemicals division of E. I. du Pont de Nemours & Co.; Ralph E. Dorland, of the Dow Chemical Company, and Ed. Scheullein.

The gathering stood in silence for a minute out of respect to the late Harry Wilmot, who was president of the Wilmot & Cassidy Company, Brooklyn. The third tournament will be held August 16 at the Green Meadows Country Club, Harrison, N. Y.

Alcohol Address by McGovern Available in Pamphlet Form

Senator Alben W. Barkley of Kentucky, majority leader of the senate, had inserted in the *Congressional Record* of June 30 the address delivered June 27 by James P. McGovern, general counsel of the Industrial Alcohol Institute, on the subject of "Alcohol in Interstate Commerce," before the twenty-ninth annual convention of the Flavoring Extract Manufacturers' Association in Atlantic City. Reprints from the *Congressional Record* of this address may be obtained upon application either to Senator Barkley's secretary, Room 205, Senate Office building, or to Mr. McGovern, Munsey building, Washington.

Eau de cologne of a new formula is to be marketed by the Latvian Alcohol Monopoly, Riga, Latvia, under the brand-name, "Zolite" ("The Little Golden One"). The new product, the essential oils for which are imported from France, is said to have a more delicate odor than that now on the market.

Botanical Drugs, Spices, and Gums

Low Raw Material Stocks Forecast Probable Increase in Consumer Activity—Inventories of Manufactured Goods a Modifying Factor—Prices Paid Collectors Low

Business in botanical drugs was of moderate size throughout the past week. Although trade during the Summer season is usually conservative in size, transactions last week were probable less than reasonable expectancy and the inference was that manufacturing consumers were holding aloof as much as possible pending further price developments that may result from collection of new crops.

However, market sentiment was fairly optimistic as to the future. Almost without exception, local suppliers believed that raw material inventories of consumers have run down substantially and that eventually there must be a substantial broadening and increase in sales to remedy that condition. A modifying element may be the matter of stock inventories of manufactured products. Intimations to the effect that such inventories are larger than usual have been noted, the condition resulting from the less than normal consumption of manufactured merchandise during the past Winter. If that situation be substantial, it can well affect botanical drugs sales in the future.

The collection situation has been fairly satisfactory thus far. It is probable that gathering has been curtailed some by the fact that practically all collectors reduced field worker prices sharply in order to keep deliveries within bounds and also to compensate somewhat from the fact that they expected labor to be more plentiful. With WPA projects forecasting a rise in payrolls on public works, the labor supply may be reduced. Therefore, last week there was some backing for the opinion that should demand rise substantially, it may carry prices upward all along the line.

Entries of botanicals at the port of New York since the week of January 1, 1938, the detentions of these items by the Department of Agriculture because of the presence of matter rendering them unfit for human consumption were:—

	Bags	
	Detained.	Entered.
Anise	407	878
Belladonna	51	245
Caraway	784	3,188
Cardamom (cases)	35	966
Celery	...	553
Coriander	1,692	2,836
Cumin	312	1,128
Digitalis leaves (cases)	68	77
Dill	...	300
Fennel	176	454
Henbane leaves (bales)	42	107
Mustard	200	18,750
Poppy	300	21,026
Sage leaves (bales)	25	245
Sesame	769	5,636
Stramonium (bales)	516	516
Thyme (bales)	9	353

Price Changes

Prices were changed during the past week as follows:—

Advanced

Anise, Spanish, 1c. per lb.
star, 1¼c. per lb.
Belladonna root, ½c. per lb.
Cumin seed, Algerian, ½c. per lb.
Cassia, Batavia, No. 1, ¼c. per lb.
China, select, rolls, ¼c. per lb.
Clove, Madagascar, ½c. per lb.
Ergot, 20c. per lb.
Ginger, Cochin, lemon, ½c. per lb.
Jamaica, bright grinding, ¾c. per lb.
Japanese, ¼c. per lb.
Millet seed, yellow, ½c. per lb.
red, ½c. per lb.
Mustard seed, English yellow, ½c. per lb.
Mace, Banda, 2c. per lb.
Siauw, 2c. per lb.
Nutmegs, West India, ⅝c. per lb.
Paprika, Hungarian, 1c. per lb.
Spanish, extra fancy, ½c. per lb.
fancy, 1c. per lb.
medium, 2c. per lb.
Pepper, black, Lampong, ¼c. per lb.
Tellicherry, ¼c. per lb.
Alleppy, ¼c. per lb.
Pimento, 2c. per lb.
Saffron, Spanish, $1 per lb.

Reduced

Cantharides, Russian, whole, 5c. per lb.
powdered, 5c. per lb.
Colocynth pulp, 1c. per lb.
Cassia buds, ¾c. per lb.
Mandrake root, 2½c. per lb.
Senega root, 2c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
123.5	122.3	122.0	128.2

Market news that may have developed after this report was sent to press will be found on page 4.

Balsams

Copaiba.—Small trade, steady prices, fair stocks, and steady replacement conditions prevailed in both varieties of this material.

Fir.—The outlook for Oregon balsam was none too good, according to further reports from the primary market. Some feel that prices may work higher. Canadian balsam remained generally steady. Neither was greatly called for last week.

Barks

Black Haw.—A very steady market prevailed last week. Business was not very active, but that was in keeping with seasonal expectancy. The steady quality of the market was attributed to the lack of further decline in replacement costs.

Cascara Sagrada.—The situation remains to be developed further, but at this time some on spot feel that it is a buyers' market and that purchases will be possible at more attractive prices if large buying is delayed sufficiently.

Elm.—A fair-sized stock of select bark has been laid in and with prices back reasonably near to a normal basis, more stability in values seemed to be a reasonable prospect. Trading was naturally confined to moderately sized quantities last week.

Sassafras.—While deliveries into the collection centers could have been larger without endangering the price position of select material, the situation on the whole was reasonably satisfactory and throughout the past week the market remained very steady.

Wahoo.—No surplus of primary market stocks is likely this year, but it was felt last week that if demand be about normal, needs of manufacturing consumers can be well and promptly supplied. Prices locally were very steady.

Beans

Tonka.—Routine transactions were the general rule and the market as a whole developed little that was new. Possibly there was more inquiry of jobbing sort during the period under review, but business done revealed that prices were definitely well maintained.

Vanilla.—Undertones continued to be very firm here. Prices were well held, stocks were none too large, and were in strong hands, and market opinion favored the view that values were more than likely to rise when world consumption pressed against world stocks which, at the best, were conservative in size.

Berries

Laurel.—Manufacturing requirements seemed to have been well protected by accessions to stocks in the primary market. Prices paid have indicated that local values were likely to assume a steady position during the coming season.

Raspberries.—Though not lower on the spot, prices were still somewhat easy because of the fact that primary market stocks are now at their largest and holders there were disposed to do business at fairly reasonable values.

Flowers

Borage.—Little has been heard regarding replacement cost of this article and it was doubtful that much merchandise had been bought to come forward during the Summer months. Locally, trade was inert, but values held very well.

Clover.—Europe has made a fair crop of this item and yet prices asked have held a degree of strength that checked any local idea that lower quotations might come on this market. A fair-sized holdover was in hand here, however.

Malva.—While the carryover here was considerable, local holders were maintaining prices while awaiting further developments as the result of a reasonably satisfactory production in Europe. Demand was very light last week.

Pyrethrum.—Prices in primary markets have been well maintained and the market as a whole on the spot—for powder, as well as for pyrethrum concentrates—has been supported by a seasonable and very good sized consuming request. Exports from Japan during the past three years, by purchasing countries, were as follows:—

	Metric tons		
	1935.	1936.	1937.
Hongkong	169	79	170
Great Britain	58	66	76
United States	7,026	5,061	7,904
Australia	65	66	132
Others	347	337	562
Totals	7,665	5,609	8,844

Saffron.—Once more, lack of normal spot reserves, plus well maintained prices abroad, put Spanish saffron prices higher. The market here was $28 to $29 per pound and most sellers stood strongly for the outside as a minimum price.

Gums

Asafetida.—Reports current last week suggested that some control of prices and production may be established abroad. The local dealers were watching the situation closely and all felt that institution of such a control would operate against the best interests of all concerned.

Arabic.—The market was slow. Trade was very uneven, although there was some reason to expect that textile interest in the article might show some improvement. Quotations lacked quoteable change but seemed also to be reasonably steady. Shipments in April, 1938, totaled 2,526 tons, as compared with 2,452 tons in April, 1937. Shipments during January-April, 1938, totaled 10,622 tons, compared with 9,817 tons in the corresponding period of 1937. The chief destinations were as follows:—

	Tons			
	1937.		1938.	
	April.	Total.	April.	Total.
Great Britain	764	2,225	686	2,498
United States	636	1,972	442	1,535
France	179	1,115	314	1,598
Germany	291	1,166	234	1,098
Italy	12	307	168	343
Belgium	122	491	122	1,015
Japan	40	828	30	229
Holland	102	295	61	361
Sweden	78	270	85	404
Australia	10	242	120	485
China	6	119	15	47
Canada	57	125	15	60
British India	10	71	15	96
Denmark	26	102	44	134
Finland	23	97	18	93
Poland	6	32	24	63
Egypt	5	36	17	83
Argentine	..	15	33	128
Brazil	13	32	21	72

The export figures are made up of the following qualities:—

	Tons			
	Hashab.	Bleached.	Talba.	Total.
April, 1937	2,112	7	333	2,452
April, 1938	2,396	14	116	2,526
Jan.-April, 1937	8,627	36	1,144	9,817
Jan.-April, 1938	9,930	46	646	10,622

Benzoin.—Business was moderate, yet slightly improved so far as the Sumatra gum was concerned. Quotations were firmer in undertone and competition was less aggressive.

Camphor.—Synthetic material continued to find excellent outlet in the consuming trades. So much so that it was declared that ultimately importations of Japanese natural camphor may undergo considerable decrease. Japan may be getting ready for that time. She is projecting a domestic industry in synthetic camphor and the Monopoly Bureau of the Government-General of Taiwan (Formosa), according to a press report, is stated to have succeeded in industrializing a process for the manufacture of camphor from pine trees.

Karaya.—A very good Summer trade in this article has been reported and conditions as a whole were indicative of steady market undertone and an absence of excessive competition. Prices were well held.

Herbs and Leaves

Ephedra. — Large importations from India have stocked American consumers sufficiently to give rise to reports that, ultimately, lower prices on derived products seem inevitable. An indication of importations may be gained from the following tabulation, which shows May importations to have aggregated 205,694 pounds. The total five-month import this year was 754,541 pounds, comparing with 399,891 pounds imported in the corresponding months in 1937. The table follows:—

	Pounds			
	China.	Japan.	India.	Spain.
January	24,400	19,784	.....	.....
February	12,897	30,400	.....	.....
March	45,142	42,534	176,155	.....
April	3,465	.....	193,970	.....
May	105,584	14,400	70,225	9,485

Damiana.—Fair stocks, but not much call was the rule on spot and the market showed steadiness and a lack of instability that fitted in well with the forward position of the material.

Peppermint. — Values continued to show considerable strength, and although demand was not very active, it was still of a sort that tended to keep present stocks below the level at which price weakness, or unsettlement, might be expected to develop.

Sage.—Preparations against the coming season of enlarged consuming requirements were going forward quietly and uneventfully. Prices seemed to be generally stable in most quarters supplying the article to the trade, either import or consuming.

Uva Ursi.—Some talked of lower prices to come and, on the basis of what constitutes a normal price for the article, such

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

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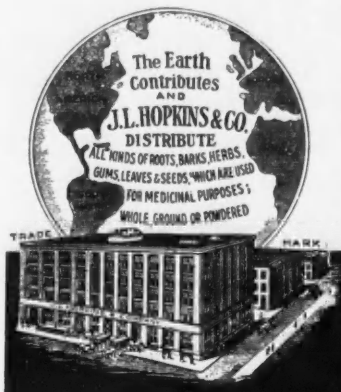

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a development seemed likely to develop in the long run. However, for the nearby future, everything seemed to depend on how much of a crop Europe can prepare and export this year.

Miscellaneous

Cantharides.—Russian flies were noted at $1 to $1.05 per pound for whole, and $1.25 to $1.30 for powdered material. Chinese flies lacked change. Neither was in much request.

Colocynth Pulp.—The market was easier and tended downward without there having been any change in open quotations on the material. A slower consumption has tended to recreate competition along fairly broad lines. Quotations were shaded to 25c. to 29c. per pound.

Ergot.—The market has been marked up further and during the past week quotations were $1.45 to $1.50 per pound. This reflected market opinion of values, such opinion being based largely on the fact that a controlled price situation in Spain, based on a minimum selling price which in fact is comparatively high, seemed to forecast a rising market later on. Some quarters were rockbottom at $1.50.

Kamala.—Inquiry was moderate to light and on the whole the situation was little different than that which had characterized the market in recent weeks. Buyers showed considerable reserve.

Papain.—The spot market continued to display that element of competition that recently was productive of some decline in prices. Business was fair, but not expansive. According to reports from the Straits Settlements, the soil of abandoned mining areas in Perak is suitable for the cultivation of papaya trees, and the Department of Agriculture of the Settlements is encouraging settlement of these regions for that purpose.

Roots

Belladonna. — Quotations were up slightly to 11½c. to 12c. per pound, based on the report that the article would make a not too satisfactory crop in Europe this year.

Goldenseal.—Prices seemed to have become more stable than they had been, and it was said that the looked for rise in prices might be in the process of development.

Mandrake.—Quotations were lower at 10½c. to 11c. per pound, but it was doubted that reductions would run much further. In fact, based on collection results this far, a firming of market undertones seemed likely to develop when large blocks move to consumers.

Senega. — Quotations were slightly lower at 53c. to 55c. per pound, continuing the moderate movement that recently has been in favor of buyers, as the result of fair prospects for the crop.

Serpentaria.—Reasonably steady undertones were the rule. Values were more stably held and competition was less a constituent of the market than it was in the not far distant past. Demand remained light.

Seeds

Anise.—Reports from Spain were distinctly adverse concerning the outlook for new production and shippers strengthened their views considerably. Spot quotations were advanced to a trial level of 16c. to 16½c. per pound. Star seed rose sharply to 14c. to 14½c. per pound following a rise in replacement costs.

Cumin.—Algerian seed was higher at 9c. to 9½c. per pound. Since that article will have to supply most of the requirements of buyers this year, higher levels of values have been talked about. No stocks of Moroccan seed were available and one quarter said that in all probability it would become a "museum piece" this year.

Millet.—Values moved higher, spot and forward. Yellow was repriced at 3¼c. to 3½c. per pound, while the red went forward to 2.40c. to 2.70c. per pound.

Mustard.—English yellow was up fractionally to 9c. to 9½c. per pound. Reports indicated that California seed would be not overly well stocked this year. European crops were making fair progress, it was said.

Poppy.—Poland reported that less than the usual crop of this seed would be harvested this year. Dutch crop prospects indicated a slight gain in output over that in 1937—which registered the smallest production in the past several years. Spot prices were steady.

Spices

Cassia.—Batavia No. 1 was higher at 16¼c. to 16½c. per pound. China rolls of select quality were also higher at 15¼c. to 15¾c. per pound, while the broken extra select were up to 7c. to 7¼c. Other prices on this group lacked quotable change. The price developments usually reflected replacement conditions.

Clove.—Madagascar spice was a small fraction higher at 13⅜c. to 14c. per pound. Zanzibar goods lacked change. Both were subject to very steady conditions.

Ginger.—Cochin lemon was up to

—*Continued on page* 50

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

Essential Oils, Aromatic Chemicals

Peppermint Harvest Starts Soon, with Prospects Not Too Good in Some Areas—Anise Eases Slightly but Cassia Holds Firm—General Demand Fair

Price stability prevailed in the market for essential oils and aromatic chemicals last week. Considering the generally conservative total volume of transactions, the absence of price unsettlement or weakness was evidence of what was called the fundamental soundness of the market. There were signs that sales volume would gain as the Summer passes, not the least of which was the belief that consumer stocks of raw material have decreased substantially enough to forecast an expansion of buying activity to cover requirements of an imperative character.

Harvesting of the peppermint crop will start soon in the Middlewest. Some areas have had adverse growing conditions and from such districts have come unencouraging reports as to the probably total output. In others, conditions have been very good and the indications were that when the total output is drummed, consuming requirements will have been well covered unless consumption shall rise sharply over the normal value.

Citrous oils moved in very fair quantities. Weather conditions were such as to stimulate consumption of manufactured products and the increase in output has forced some further buying of raw materials. Most prices were in steady position, though in the case of orange they were very low.

China oils retained their position of fundamental strength. Violent war was carried to South China by the Japanese last week and further endangered, or at least made uncertain, the export of normal quantities of oil. Locally, anise declined slightly, but cassia held firm.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Menthol, 5c. per lb.

Reduced

Anise, 5c. per lb.

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
70.5	70.5	69.8	81.7

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Almond.—Very steady prices prevailed on the spot. Although demand was not especially active, the fact that replacement conditions were supported by firm undertones tended to keep local values in well stabilized position. Stocks were moderate, locally.

Amyris.—Very small stocks were available on the spot, and very small orders were the general experience of the few who still stock this material. It was a routine market that prevailed at steady prices.

Anise.—Quotations eased back slightly to the basis of 85c. to 90c. per pound, but the fundamental position of the material was little changed and unless there shall be a substantial rise in quantities, offered for shipment, as well as in the number of offerings made, values locally were likely to prevail on a firm basis.

Apricot.—Fair-sized jobbing demand was noted on the spot, and values on the whole showed no signs of pending unsettlement. Stocks available were not unduly large and hence failed to create selling pressure in local circles.

Bergamot.—Fundemental conditions were unchanged. Values were the object of strict control in Italy, and inability to replace spot stocks save at the full limits set and controlled officially in the primary market left little opportunity for competition in local circles. Demand was routine.

Birch Tar.—Inquiry was fair to moderate, but practically all requests were for small lots to tide over the immediate requirements of a not large number of manufacturing consumers. Quotations were steady.

Bois de Rose.—Well-stabilized replacement cost was reflected in well held spot quotations throughout the past week. Actual consuming requirements were down to moderate limits, and business throughout the past week was irregular and usually covered prompt requirements only.

Camphor.—Moderate interest was displayed last week. A fair number of buyers were in the market, but the quantities taken were usually conservative and failed to suggest that buyers were covering their more distant needs at this time. Prices were about steady.

Cassia.—The advance in price was consolidated and the general market position was one of firmness that was based on a similar position in the primary market. Shipment offerings were moderate and shipments were uncertain and subject to the effect of war conditions that again were carried violently by air to the South of China.

Caraway.—Business was of the routine sort common to the market in recent weeks, and productive of but moderate-sized total volume of sales. Quotations on the spot remained very steady and were directly in line with the values named on shipment parcels.

Citronella.—The spot market was somewhat quiet most of the time last week. Buyers' requirements were readily filled out of ample spot supplies available. Conditions in the primary market changed very little and values held reasonably steady.

Clove.—Some gain in shipments was noted. Consumers were in need of slightly more material to cover their present requirements, and the moderate gain in business gave added steadiness to an already firm market. The spice market was well maintained in price.

Coriander.—The firm position of the market was unaltered. High cost of the limited quantities obtainable in Europe operated to keep quality merchandise in firm position. Because of high spot prices, considerable business has been done in substitute materials.

Cypress.—Although in light request the movement was about normal for this article and tended to keep price solidarity the principle characteristic of a market lacking much in the way of competition.

Erigeron.—The carryover this year will be negligible and the quality of the same was said to be none too good. The situation should encourage a considerable activity in the distillation districts this Summer.

Eucalyptus.—Conditions were very favorable to buyers. Costs were low, competition was generally active, when compared with present takings of consumers, stocks would be called substantial. However, larger transactions were expected to develop in the nearby future when consumers begin to cover requirements of the Winter period.

Geranium.—New developments were lacking. Prices were low and in highly favorable position so far as buyers were concerned. Movement during the period was in line with the conservative transfer of stocks from buyer to consumer in recent weeks. Replacement costs were about steady.

Grapefruit.—Routine business was noted. Export business was light because foreign dealers were fairly well stocked with prompt delivery material. Domestic consumption has not increased much this year.

Ginger.—Raw material retained the firmer position that came with higher quotations during the previous week. Demand for oil was moderate and usually for jobbing quantities, but it was also steady and aided in keeping undertones about firm.

Lemon.—Domestic oil remained firm. Its position has been strengthened by

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

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the fact that Italian oil has not been available in normal quantities and prices abroad have been uniformly firm and well established since the movement of new crop began. Fair movement into consumption was noted and the domestic article had a fine share in the business since it was available at prices sharply under those of the foreign item.

Lime.—Seasonable weather has encouraged very good consumption of this article and it continued to be available at prices quite the most attractive to prevail over a period of years. Supplies were ample.

Orange. — Hot weather encouraged consumption of beverages flavored with this material and while new business reaching dealers was not large, it gained in steadiness and gave to values a considerable degree of firmness. Competition continued to be exceptionally active.

Peppermint.—Distillation days are not so far away and reports concerning production should begin to reach the market in the not far distant future. Based on reports arising in the middlewest, some areas seem likely to produce less than normally. In others, the outlook was said to be fair. The firmer undertones noted of late on spot continued to prevail and recent advances were sustained last week.

Pimento.—There was a sharp rise in prices for berries last week and the position of oil was said to have strengthened considerably. In point of fact all kinds of this oil on spot were firm in price and free from much competition. Demand was fair.

Tansy.—Local stocks were all but exhausted. The carryover here and in the primary market has rarely been so small. With new production projected for the not far distant future, an improvement in stocks is likely but it was felt that fairly high prices could be obtained this year because of the lack of normal reserves.

Aromatic Chemicals

Alcohols and Aldehydes.—The higher alcohols and aldehydes displayed subtantial price stability. Also, sales were normal in volume to an extent that contributed to the exclusion of much competition in the market for these entities.

Amyl Phenylacetate.—A steady market was reported. Deliveries were in fair volume but most orders were for quantities that indicated a conservative need on the part of buyers. Prices were well held and free from unsettling circumstances.

Anethol.—The market was very firm. As yet the much higher cost of raw material has not been entirely reflected in the price position of this material but the tendency of values was unquestionably upward.

Benzaldehyde.—Recent orders have assumed slightly more importance than had been the case in the not far distant past. Consumers were in the market with fair frequency and contributed to the maintenance of prices definitely steady at all times last week.

Borneol.—The supply was light to moderate and replacements were not readily and amply obtainable. The result has been a firm position for all products based on this item.

Citral.—Since the article deteriorates rapidly with age, buyers kept orders down to real requirements but they also traded frequently enough to build a volume that kept quotations very steady.

Coumarin.—Fair stability prevailed in the price schedule on this material. The recent decline brought values to an attractive position and consumers have been taking fair sized quantities constantly since that development. The market was very steady last week.

Menthol.—The market was up slightly to $3.25 to $3.35 per pound, but the conditions that produced the sharp rise in the previous week were no longer an operative stimulus to price activity. Rather, the higher quotations last week merely indicated an adjustment of spot quotations to levels in line with replacement.

Botanical Drugs

Spices

—Continued from page 48

10⅛c. to 11c. per pound. Jamaica bright grinding was shaded to 11c. to 11¼c. Japanese root appreciated to 9c. to 9½c. The group as a whole was subjected to fluctuating activity that reflected the fractional shifting of values generally.

Mace.—Banda was advanced again, this time sharply to 54c. to 55c. per pound. Siauw was also higher at 47c. to 48c. Batavia material was firm at 42c. to 43c. All were in improved request and showed a gaining strength in the primary markets.

Paprika.—Hungarian material was advanced to 23c. to 24c. per pound for the extra fancy quality. Spanish goods showed much strength and prices rose. Extra fancy was noted at 31c. to 32c. per pound; fair, 25½c. to 26c.; fancy, nominal at 30c.; medium, nominal at 28c.

Peppers.—Black peppers advanced. Alleppy rose to 8c. to 8¼c. per pound; Lampong, 5⅜c. to 5½c.; Tellicherry, 8¼c. to 8½c. Red peppers were very firm. White's were steady. Demand was moderate so far as trading in spot stocks by the more prominent grinders.

Trading in black pepper futures on the New York Produce Exchange from July 9 to July 15, inclusive, comprised 184 contracts, a total of 6,182,400 pounds. Following is a price record for the week:—

	Cents per pound		
	High.	Low.	Close.
January	5.75	5.20	5.28@5.31
March	5.88	5.40	5.40 sale
May	5.99	5.45	5.49@5.50
June	5.78	5.50	5.54@5.60
September	5.25	5.25	5.09@5.12
October	5.35	5.35	5.10@5.20
December	5.45	5.40	5.22@5.28

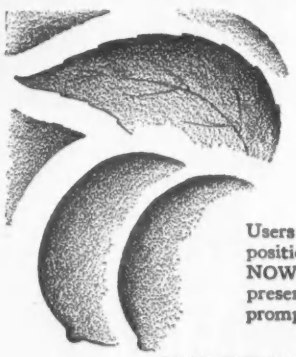
Phosphate Mining Lease Grants Suspended

—Continued from page 3

granted on the public lands, until Congress decides upon a policy to be pursued in bringing about protection of the phosphate lands. A joint congressional committee is now engaged in an investigation of the phosphate situation, under instructions to submit its findings at the next session of Congress.

Should the present private supply become seriously depleted, it will be necessary for Eastern agricultural sections to draw upon the 5,000,000,000 ton reserve for the valuable fertilizer on the public lands in the west, to replenish the soil for raising the farm products of the nation.

Hearings in the investigation of phosphate resources and their utilization will be opened July 20, at 10:30 a.m., in the Federal courtroom, Pocatello, Idaho.



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Engine oil
Fish oils
Fish oils, hydrogenated
Fish oils, polymerized
Flux oil
Glyco-neats
Graphlene
Hydrocarbon oils
Hydrogenated oils
Kollag
Lard oil
Lignite tar oil
Linseed oil
Linseed oil, hydrogenated
Linseed oil, polymerized
Maroleum
Mazola
Menhaden oil
Menhaden oil, polymerized
Mineral colza oil
Mineral oils
Neatfoot oil
Oiticica oil
Olive oil
Palm oil
Palmkernel oil
Paraffin oil
Paroil
Peanut oil
Petroleum, crude
Petroleum oils
Polymerized oils
Porpoise oil
Porpoise-jaw oil
Rapeseed oil
Resin oils
Ricinola
Rosin oil
Salvol
Seal oil
Seal oil, blown
Sesame oil
Shale oil
Shark oil
Soybean oil
Spearm oil
Surrett
Tung oil
Vegetable oils
Whale oil
Whale oil, hydrogenated
Whale oil, polymerized

Pourpoint Depressants for Lubricating Oils

Aluminum oleate
Aluminum palmitate
Aluminum stearate
Ammonium linoleate
Ammonium oleate
Ammonium palmitate
Ammonium stearate
Metasap
Palmitic acid
Propylene stearate
Sodium palmitate
Sodium stearate
Stearic acid
Zinc oleate
Zinc palmitate
Zinc stearate

Purifying Agents for Lubricating Oils

Absorbent carbons
Aluminum chloride
Antimony trichloride
Boneblack
Cotton fabric
Fuller's earth
Ferric chloride
Kieselguhr
Sodium phosphate
Titanium chloride
Zinc chloride

Rancidity Preventives for Lubricants of Animal or Vegetable Derivation

Benzoic acid
Boric acid
Cresol
Dimethyl parahydroxybenzoate
Dimethylglycol
Formaldehyde
Furoic acid
Glycerin
Magnesium iodate
Methyl parahydroxybenzoate
Moldol
Phenol
Polyhydric alcohols
Propyleneglycol
Salicylic acid
Sodium orthophenylphenate
Rancidex
Sodium benzoate
Sodium furacrylate
Sodium furoate
Thymol
Trimethyleneglycol

Reagents for Coldproofing Lubricants

Amylolamine
Lubaid

Reagents for Giving Lubricants High Film Strength, Adhesive Quality, and Abrasion Resistance

Dichlororetene
Lubaid

Reagent for Improving Viscosity-Temperature Relation in Lubricating Oils

Paratone

Reagent for Increasing Load-Carrying Capacity of Lubricants

Vistone

Reagents for Preventing Corrosion of Metals by Lubricants

Arsenic compounds
Arsenic-phosphorus compounds.
Phosphoric acid esters with castor oil
Phosphorus compounds

Reagents for Recovering Paraffin from Lubricating Oils

Alcohol
Clay
Gasolene
Kerosene
Naphtha

Reagents for Removing Paraffin from Lubricating Oils

Acetone
Brine
Clay
Diatomaceous earth
Fuel oil
Fuller's earth
Gas oil
Kerosene stock
Methylene chloride
Naphtha
Organic solvents
Sand
Sawdust

Reagents for Special Treatment of Lubricating Oils

Actolite
Alkali naphthenates
Alkali resinates
Alkali sulphonates
Aluminum chloride
Ammonium naphthenate
Ammonium resinate
Ammonium sludge sulphonate
Ammonium sulphonate
Fuller's earth
Fullerol
Percolite
Soap
Soap sludge sulphonic acid

Rust-Softening Addition Agents for Lubricating Oils

Bile salts with—
(1) Amyl acetate
(2) Amyl lactate
(3) Butyl lactate
(4) Ethyl lactate
(5) Glycol oleate
(6) Glycol palmitate
(7) Glycol stearate
Sodium tauroglycocholate with—
(1) Amyl acetate
(2) Amyl lactate
(3) Butyl lactate
(4) Ethyl lactate
(5) Glycol oleate
(6) Glycol palmitate
(7) Glycol stearate

Stabilizers for Inhibiting Formation of Gums, Resins, or Sludges in Lubricants

Acetalbenzidin
Acetoneanilin
Acetyldiphenylamine
Acetylhydroquinone
Acetylparaphenylenediamine
Acetylphenylhydrazin
Acetylphloroglucinol
Acetylpyrocatechol
Acetylpyrogallol
Acetylresorcinol
Aldolalphanaphthylamine
Aldolnaphthol
Alphanaphthylpiperidin

(To be continued)

Petroleum Solvents, Lubricants, Fuels

Solvents and Naphthas Steady—Motor Fuel Demands Subside —Return of Six-Day Week in Texas Fields Boosts Crude Oil Production

Solvents and other petroleum products used as industrial raw materials had been favored with some improvement in buying attention through the first ten days of the month but Eastern suppliers of solvents and naphthas reported a marked falling off in orders last week. The wax market attracted a little more interest on a further advance in scale wax prices. White mineral oils and petrolatum were very quiet.

Motor fuel buying was not so lively as a week ago. Perhaps the sharp increase in crude oil production which was occasioned by the return of the six-day week in the Texas fields, shied buyers away from the market. The influence of this increase in crude flow, however, seemed to be neutralized by the further drop in gasoline storage to a new low point for the season to date. Conversely, fuel and gas oil stocks rose to a new high of 140,587,000 barrels. This figure compared with 103,597,000 barrels at this time a year ago. The mounting supply of fuel oil stocks causes considerable concern over the security of values in the heavy oil market but those who take the long view of the market think the heavy surplus might prevent an excess production of gasoline next Winter.

Crude oil production in the United States for the week ended July 9 was 3,296,250 barrels, an increase of 237,700 barrels over the preceding week, according to the estimate of the American Petroleum Institute. The average for four weeks ended July 9 was 3,143,400 barrels and the average at this time a year ago was 3,520,750 barrels. Crude runs to still were reported to the A.P.I. by companies controlling 89 percent of the nation's refinery capacity as having averaged 2,783,000 barrels for 75.2 percent of operation. An additional 312,000 barrels were reported to have been sent to stills unreported for an estimated total daily average of 3,095,000 barrels against 3,095,000 barrels in the preceding week. Average runs for July, 1937, were 3,380,000 barrels. Crude oil stocks July 2 totaled 291,666,000 barrels against 293,463,000 barrels June 25, according to the Bureau of Mines.

Solvents and Diluents

Refiners and marketers of petroleum solvents and naphthas in the East Coast market reported that sales fell off last week after a period of two or three weeks of fairly lively demands. The buyers evidently had enough to cover their immediate needs and there was very little interest in the market last week. Pricewise, things were steady. The middle Western market was firm and the reports from the Southwest indicated the presence of a similar condition there.

Lacquer Diluents. — Conditions surrounding the market were not materially changed from recent weeks. Midcontinent refiners continued to quote the market at 7⅜c. per gallon for tankcars, f.o.b. Group 3.

Petroleum Thinners.—The Midcontinent refinery market continued in a firm position at the long standing price of 6⅜c. per gallon for tankcars, f.o.b. Group 3. The East Coast tankcar market lost some of its recent activity but the price remained unchanged at 9c. per gallon in New Jersey and 9½c. per gallon in New York.

Rubber Solvents.—The calls for deliveries into the Akron district were few and far between. Consumption by the tire makers continued at a low point. Prices for light and heavy grades of solvent continued at the levels that have been quoted for some time back.

Stoddard Solvent.—Local refiners reported that the demands for supplies had fallen off last week. For two or three weeks previous, the purchases had shown some improvement. The prices here and at the Midcontinent refinery market continued steady and unchanged.

V. M. & P. Naphthas.—The manufacturing buyers were not so active in the Eastern market as they were in the few preceding weeks. Sellers here reported a falling off in the volume and frequency of demands. Prices continued without change.

Markets at Other Centers

Chicago, July 14.—The petroleum solvent and diluent market marked time, but seemed somewhat firmer than for some time. Buying was on the cautious side, with small orders predominant. Ruling prices in tankcar lots except as noted were (tankcar prices f.o.b. Group 3, Oklahoma):—Blending naphtha, 4½c. to 4¾c. per gallon; cleaners' naphtha, 6⅜c. to 6½c., tankcar; 17.5c., tankwagon; petroleum spirits, 5⅜c. to 5½c., tankcar; 16.5c., tankwagon; lacquer diluent, 7⅜c. to 7½c.; rubber solvent, 6⅜c. to 6½c.; Stoddard solvent, 5⅞c. to 6c., tankcar; 16.2c., tankwagon; V.M. & P. naphtha, 6⅜c. to 6½c., tankcar; 16.5c., tankwagon.

Tulsa, July 14.—No change developed in the solvents market with the quotations of the past few weeks holding steady. Cleaners remains at 6⅜c. per gallon while Stoddard was 5⅞c. per gallon, in tankcars.

Lighter Fractions

Light gaseous solvents in the petroleum hydrocarbon group continued through last week with characteristic steadiness. The prices for butanes, hexanes and others in this classification have not been changed for some time. Latest reports on the demand side of the market indicated that the movements into consumption were routine.

Butanes. — The market lacked new feature during the week under review. Prices for tankcar quantities of the 16-34 degree product continued at 3¾c. per gallon, basis Group 3.

Heptanes.—The mixed material continued at 8½c. per gallon, while the normal grade was priced at 9½c. per gallon, both in tankcar quantities, f.o.b. Group 3, with the usual differentials in force for smaller quantities.

Hexanes.—The tankcar price of 10½c. per gallon for normal grade material at Group 3 continued in force last week. The latest reports on the demand side of the market indicated that this was routine.

Petrolatums and Waxes

White Mineral Oils. — Prices were holding firmly, but the market was not very active. Normally dull in the Summer months, the demands against contracts and also open order business have been very light.

Paraffin Waxes.—The scale wax market was higher last week, with quotations at 2¼c. per pound for either 122-124 or 124-126 A.m.p. grade. The range of the market extended to 2.35c. per pound, but few buyers paid over 2¼c. per pound, which was 5 points higher than a week ago. There was more export interest in the market and sales for the week were fair sized. The fully refined wax market continued unchanged.

CHICAGO, July 14.—Wax business is reported fairly good, insofar as the refined material is concerned, and prices are understood to be steady at levels recently effective. Ruling prices of representative sellers are:—122-124, 4.25c. to 4.30c. per pound; 125-127, 4.35c. to 4.40c.; 127-129, 4.45c. to 4.50c.; 130-132, bulk or bag, 5.10c. to 5.15c.; 132-134, bulk or bag, 5.35c. to 5.40c.

TULSA, July 14.—Refiners marked up their quotations to 2.35c. per pound, although there is still some material being moved at 2¼c. per pound for the 124-26 A.m.p. grade.

Petrolatums.—The market's position remained much the same as it had been in recent weeks. Export and domestic buying interest showed improvement here and there but taken generally the demand side of the market was described as being very spotty. Prices have held steady in recent weeks.

Fuels and Lubricants

The Eastern refinery gasoline market held in a steady position. Jobber purchasing fell off following the heavy replacement buying of a week ago when their supplies had been depleted by the holiday consumption at the beginning of the month. Gasoline stocks are reduced to a new low point for the season. The kerosene market was sluggish and the residual fuel oils were also in a soft position because of the record storage.

Tankwagon Price Changes

WICHITA, Kans.—Standard Oil Company of Indiana reduced Wichita dealer price on premium grade gasoline 1.8c. per gallon to a new price of 12.6 including tax. The company also reduced tankwagon tractor fuel price at Wichita 1c. to a new price of 7.2c. per gallon.

Market Conditions

Gasoline.—The influence of increased crude output caused by the return of the six-day producing week in Texas was more or less neutralized by a further drop in the gasoline stocks in storage. The A.P.I. estimate for the week ended July 9 showed gasoline storage of 79,893,000 barrels against 80,634,000 barrels in the preceding week. This was the lowest storage record for the season to date and compared with 73,849,000 barrels at this time a year ago. The Eastern refinery market held a firm position over the week. Jobber buying was not so extensve as it was a week ago but there was a fair movements from the refineries. The prices continued at 7¼c. per gallon for 60-65 octane and 7½c. per gallon for the higher octane rating, basis refineries. There was still some motor fuel moving at 6¾c. per gallon but the volume at this price was limited.

Kerosene.—The recent weakness in the Philadelphia market forced some of the refiners to drop their tankcar prices ¼c. per gallon to the basis of 5c. A 5c. market was also posted in Baltimore. Locally, the market dragged along the nominal prices of 5¾c. per gallon for tankcars of 41-43 water white material, basis refinery.

Fuel and Gas Oils.—The heavy oil market continued sluggish. Stocks of gas and fuel oils continued toward new heights and the A.P.I. report for the week ended July 9 estimated the storage at 140,587,000 barrels against 138,903,000 barrels in the preceding week. The stocks at this time a year ago were 103,597,000 barrels. While this heavy volume on inventory has been a source of concern over the security of the heavy oil market those who take the long range view of the market believe it will be beneficial in preventing the excess production of gasoline next Winter. There have been no changes in price since the market was last reviewed.

Lubricating Oils.—Firmness in bright stocks was perhaps the outstanding feature of a very sluggish market for Pennsylvania oils. Neutrals also looked steady but there was not much strength

Outputs and Quotas

A comparison of Bureau of Mines calculations for July production, State allowable quotas where they exist and the American Petroleum Institute's estimate of crude production for the week ended July 9 follows:—

	*B. of M. Dept. of Int. calculations.	State allowable.	Estimated output.
Oklahoma ..	518,400	428,000	443,300
Kansas	172,300	165,000	141,900
Texas	1,360,300	†1,602,086	1,364,550
Louisiana ..	260,600	249,725	268,600
Arkansas ...	51,000	.....	47,350
Eastern	149,700	.....	141,100
Michigan ...	56,400	.....	52,900
Wyoming ...	55,500	.....	58,300
Montana	13,500	.....	13,050
Colorado	5,200	.....	3,750
New Mexico.	112,900	101,600	101,450
California ..	642,300	‡620,000	660,000
Totals	3,398,100	.....	3,296,250

* These are Bureau of Mines' calculations of the demand for domestic crude oil based upon certain premises outlined in its detailed forecast for the month of July. As demand may be supplied either from stocks or from new production, contemplated withdrawals from crude oil stocks must be deducted from the Bureau's estimate of demand to determine the amount of new crude oil to be produced.

† Effective July 1. Sunday shut-downs continued through July.

‡ Recommendation of Central Committee of California Oil Producers.

The State of the Petroleum Market

Crude oil prices were advanced 4c. to 8c. per barrel in the Canal and Greeley fields of California; Hardin, Louisiana crude was reduced 5c. per barrel; Elk Basin and Grass Creek (Light) crudes in Wyoming were lowered 25c. per barrel, and initial postings were made at Buckner, Magnolia and Village, all new Arkansas fields.

	July 15	July 8	Last Year
Crude petroleum prices at well (average for ten fields) per barrel.....	$1.26	$1.27	$1.399
Gasoline prices at refineries (at four refining centers), per gallon	.050625	.050625	.056875

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

★ STARLIGHT PETROLATUM ★
Refined in all grades for over 45 years
STARLIGHT REFINING COMPANY Karns City, Pa.

SHERWOOD'S WHITE OILS
GUARANTEED QUALITY — ALL GRADES
SHERWOOD PETROLEUM COMPANY, INC.
REFINERY — WARREN, PA. MAIN OFFICE — BUSH TERMINAL, BROOKLYN, N. Y.

NEUTROLEUM
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GAMMA
MAKES BAD ODORS VANISH!
A few drops of NEUTROLEUM will neutralize instantly the most offensive odors. Originally introduced for use in fly sprays and petroleum-base preparations, it is now proving its effectiveness in hundreds of totally different technical products. Its cost is negligible; its value immeasurable. If your product has a sales-retarding scent you can free it of this handicap. Investigate NEUTROLEUM.
FRITZSCHE BROTHERS, Inc.
PORT AUTHORITY COMMERCE BLDG., 76 NINTH AVENUE, NEW YORK, N. Y.
BRANCH STOCKS
BOSTON CHICAGO LOS ANGELES ST. LOUIS TORONTO, CANADA MEXICO, D. F.
FACTORIES AT CLIFTON, N. J. AND SEILLANS (VAR) FRANCE

Petroleum Production—Motor Fuel Stocks

	Barrels	
	1938 Jan. 1-July 16	1937 Jan. 1-July 16
Commercial crude oil production	652,040,000	667,711,400
	Week ended July 16, 1938	Week ended July 17, 1937
Daily average production	3,269,600	3,512,600
	Week ended July 9, 1938	Week ended July 2, 1938
Estimated motor fuel stock total	79,893,000	80,634,000
Estimated finished motor fuel stock at refineries	45,952,000	46,386,000

in the cylinder stocks. Buying was light and spotty all week.

Crude Oil Price Changes

California

Effective July 9, the Standard Oil Company of California advanced the posted price of crude oil at Canal and Greeley fields 4c. to 8c. per barrel. These fields are now posted at 91c. per barrel for 27-27.9 gravity; 94c. for 28-28.9 gravity. Other gravities follow:—29-29.9, 98c.; 30-30.9, $1.02; 31-31.9, $1.06; 32-32.9, $1.09; 33-33.9, $1.13; 34-34.9, $1.17; 35-35.9, $1.20; 36-36.9, $1.24; 37-37.9, $1.28; 38-38.9, $1.31; 39-39.9, $1.35; 40-40.9, $1.39; 41-41.9, $1.43; 42-42.9, $1.46; 43-43.9, $1.50; 44-44.9, $1.54; 45-45.9, $1.57; 46-46.9, $1.61; 47-47.9, $1.65, and 48-48.9, $1.68.

Louisiana-Arkansas

Effective July 11, Sun Oil Company reduced posted prices for Hardin crude 5c. per barrel to the basis of $1.15 per barrel. This posting succeeds that of May 1, 1938.

Effective July 8, Standard Oil Company of Louisiana established an initial posting at Buckner, Magnolia and Village, all new Arkansas fields. The schedule which ranges from 83c. per barrel for below 25 gravity up to $1.15 per barrel for 40 gravity and above. The schedule is uniformly 7c. per barrel lower than the price currently posted by the company in other fields in North Louisiana and Arkansas.

Rocky Mountain

Effective July 8, Stanolind Oil & Gas Company and the Ohio Oil Company reduced posted prices at Elk Basin and Grass Creek (light), Wyoming crudes, 25c. per barrel to the basis of $1.05 per barrel.

Markets at Other Centers

Tulsa, July 14.—A slowing down in the motor fuel trade is observable this week despite favorable motoring conditions. Refiners report there is a noticeable reduction in shipping instructions in all grades of motor fuel. However, the tone of the market remains firm and the reduction in inventories has placed stocks at the small point this season.

Some price cutting at the retail outlets has cautioned jobbers. There is a disposition in the trade to work bulk and retail plants to the lowest possible inventory situation. Some observers are also of the opinion that the new government case has also become a factor is slowing the business until the progress of the suit becomes clarified.

However, against this condition the natural gasoline market has witnessed additional activity this week and prices jumped another ¼c. per gallon as a result of large inquiries from refiners and jobbers. Orders for several cargoes were reported in the market. As the week closed the rise was gaining momentum and it was believed that it would be extended further in the coming week.

Another product coming in for considerable attention is distillates. While no actual change in price has developed, there is nevertheless a better tone. A large number of inquiries has come into the market not only for immediate delivery but also for future shipments. Harvesting throughout the agricultural states has created a noticeable increase in the demand.

A substantial increase in crude oil production has also occasioned some conservatism in the markets this week as reports of offerings of crude from unconnected wells in several of the areas where crude oil buyers are not anxious to extend their systems became more widespread.

GASOLINE.—The tone is firm with the U. S. motor below 62, at 4½c. to 4¾c. per gallon; 63-66 octane, 4¾c. to 5c. per gallon; 67-69, 5c. to 5¼c. per gallon. The top grade of 70-72 is 5¼c. to 5½c. per gallon.

NATURAL GASOLINE.—Quotations for the 26-70 grade are very firm at 2½c. per gallon in Texas and 2⅝c. per gallon in Oklahoma, up ¼c. per gallon from a week ago. The 22 pound grade is quoted at 2¾c. to 2⅞c. per gallon while the 12 pound grade is quoted at 3¾c. per gallon.

KEROSENE.—Softness continues at 2¾c. per gallon for the 41-43 grade while the 42-44 is quoted from 3¾c. to 4c. per gallon.

DISTILLATES.—The No. 1 prime white is available at 3⅝c. to 3¾c. per gallon, while the No. 2 straw is 3½c. to 3⅝c. per gallon and the 36-38 at 3½c. to 3⅝c. per gallon. The gas oils continue in large demand, being quoted at 3c. per gallon.

FUEL OILS.—Continuance of weakness in all grades continues with the residuals being freely offered at 50c. per barrel. The low quotations remain at 37½c. and range up to 60c. per barrel. The 24-28 low cold test is unchanged at $1 per barrel.

LUBRICANTS.—Substantial reductions in inventories are helping this market to a steadier tone, although no actual change has developed in quotations.

—*Continued on page 60*

Two Years of the Patman Act

—*Continued from page 5*

usually nothing more than promotive allowances made by the seller to promote business, and not based on costs to the seller. Such promotive allowances may be lawful in their own stead if made available proportionately to all buyers under section 2 (d). But to seek to sustain the validity of such discounts under section 2 (a) of the act on the basis of costs is another thing. It will usually be impossible, and the discount will be held unlawful.

The commission reports a case where a complaint against a chocolate bar manufacturer[49] was filed with the commission involving cumulative discounts. The respondent's price schedule provided for a graduated scale of cumulative discounts ranging from 1 percent on $2,500 purchases in six months up to 5 percent for a total of $37,500 or more of purchases. The commission refused to issue a citation on this complaint. It pointed out that the respondent discontinued this schedule of cumulative discounts and instead "all customers paid the same base price less a promotive discount of 5 percent which was given to all, and a quantity discount of 2 percent on carload and truckload purchases," the latter being justified by costs. The respondent apparently acknowledged the fact that his cumulative discounts were only promotive allowances and not justifiable by costs and accordingly treated them as such by allowing them to all customers.

Volume or cumulative discounts are particularly vulnerable in cases involving sales to buyers with numerous branches. There is, for example, the complaint recently issued by the commission against a lock manufacturer[50] who would grant an additional 5 percent discount to all its jobber customers whose purchases for a year would total $10,000 or more. A number of the respondent's jobbers were able to qualify for such extra discount by making the required quota of purchases in the year. Among them were those jobbers who maintained branches in a number of cities. Although the total purchases of all branches of the particular jobber were over $10,000 for the year, no one single branch's purchases amounted to $10,000, however. The effect of this cumulative discount in such a case would therefore be that a small jobber who purchased, say, $3,000 worth in the year would not receive the 5 percent cumulative discount even though he competed in Chicago with the Chicago branch of the larger branch-store jobber which in turn only purchased $3,000 worth of goods. On the other hand, a branch-store jobber would receive the 5 percent cumulative discount since he could include the purchases of his other branches and thereby meet the required quota. The commission challenges the legality of such a cumulative discount.

Cumulative discounts are difficult to sustain in the ordinary case where deliveries are to one place. They are certainly most difficult to justify in cases, such as the above, where purchases by separate branches of the buyer are permitted to be totaled to enable the buyer to meet the quota required for qualification for the particular cumulative discounts. The commission appears to view each branch of the buyer as a separate customer, at least insofar as cumulative discounts are concerned.

[49] Case No. 12, Chairman Ayres' report, supra.

[50] Master Lock Company; complaint No. 3386, April 22, 1938.

Proportionate Purchases

The commission has recently challenged another hybrid type of quantity discount based on the customer's buying a certain percentage of its total requirements. In the American Flange & Manufacturing Company, Inc., case[51] the respondent, manufacturers of metal containers and sealing caps, allegedly effected agreements with its customers which provided that, if the purchaser bought within any six-month period respondent's goods amounting to 80 percent or more of the buyer's requirements, respondent would allow such buyer a 10 percent discount from the prices billed for such period. Those who did not sign the agreement were not given the 10 percent discount. This form of discount is probably the most difficult type to justify under the act, since the basic ground for justification, that is, definite quantity, is not directly tied up with the discount. This type of discount is manifestly a promotive allowance and must be available to all buyers equally under sections 2 (d) or 2 (e) of the act.

It is manifestly clear from the various citations issued by the Federal Trade commission and particularly in its decision in the Brill company case, that volume or cumulative discounts are not looked upon by it as true quantity discounts. The commission's attitude apparently is that volume or cumulative discounts are nothing more than promotive allowances, and that they should be accordingly afforded to all buyers on a proportionately equal basis as required by section 2 (d) and 2 (e) of the act.

If the seller is convinced of the business efficacy of volume or cumulative discounts and desires to continue its use, he best proceed cautiously. It would be best that the seller at least have a graduated scale of cumulative discounts and, where some of his buyers have branch stores, it is perhaps safest to treat each branch as a separate buyer for the purposes of qualifying for the required quota. In all events, the seller better have ample cost data, since he is very likely to be required to convince the commission that his cumulative discount does not constitute an unlawful price discrimination.

Cash Discounts

The commission has not as yet issued a complaint involving cash discounts or terms of sale. The reason for this is that there is little, if any, problem in the connection. The only occasion where a complaint might lie would be where the seller used his cash discounts or terms of sale as a subterfuge for affording a particular buyer a more favorable price. In such cases, section 2 (a) of the act can be construed to apply since it does expressly provide against indirect, as well as direct, price discriminations.

[51] Complaint No. 3391, May, 1938.

—*Continued on page 54*

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Refinery: Cushing, Oklahoma

Fertilizer Materials

Active Buying Boosts Organic Ammoniate Prices—Nitrogen Cartel Renewed—Last Season's Consumption Estimated at 7,371,000 Tons

The week under review was an active one, although the buying was fairly well centralized among the organic ammoniates and sulphate of ammonia. Quite a few contract bookings for the season's needs of other materials were also negotiated, but most of the spot interest was shown in the aforementioned commodities. Sulphate was bought heavily for July shipment and also for August. Prices for organics were bid up steadily as the rising values in the world securities and commodity markets brought the buyers in to cover for substantial portions of what they are likely to need for the 1938-1939 season.

The feature development of the week was an official report from London that the representatives of the international nitrogen cartel meeting in that city had agreed to continue the present pact for another five years, with the privilege of cancellation by majority vote at the end of three years.

Cal-nitro prices for the full season were issued on Tuesday of last week at an advance of 25c. per ton over last season for the early and late shipping months, while prices for the midseason shipping period were 50c. per ton higher than last year. The sulphate of ammonia importers have not yet taken a position on prices for the new season.

Based on tag sale statistics for seventeen States, which account for 71 percent of the total tonnage, and estimates for the remaining States, the National Fertilizer Association places fertilizer consumption in the United States in the year ended June, 1938, at 7,371,000 tons. This is 801,000 tons below 1936-1937, but with that exception is by far the largest tonnage in any year since 1930. The amount of superphosphate produced by TVA and distributed by it and by AAA is not included in the above tonnage figure. Details are shown in the accompanying table.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Blood, dom., Chicago, N. Y., 25c. per unit-ton.
Bone, dom., Atl., ports, 4½ & 50, $1.50 per ton.
Chicago, 1½ & 60, $1 per ton.
4½ & 50, $1 per ton.
import, 1 & 65-70, $1 per ton.
3 & 50, $2 per ton.
Calcium phosphate, dibasic, pricip., import, 5c. per unit.
Castor pomace, import, $1 per ton.
Fish scrap, dom., Chesapeake menhaden, ungr., 25c. per unit-ton.
Japanese, sardine meal, shipt., $1 per ton.
Nitrogenous material, import., 5c. per unit.
Tankage, dom., Chicago, fert. grade, 15c. per unit-ton.
feed grade, 25c. per unit-ton.
New York, ground, 25c. per unit-ton.
unground, 5c. per unit-ton.

Reduced

None

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
66.3	66.3	66.7	66.0

Market news that may have developed after this report was sent to press will be found on page 4.

Ammoniates

Nitrate of Soda.—Buyers were not taking in much material under the July offering prices which are the same as those that prevailed at the close of last season. Sellers were not pressing to move the material. The bulk price for July only is $27 per ton, while bagged nitrate is priced at $28.30 per ton for 200's and $29 per ton for 100's, all f.o.b. cars.

Sulphate of Ammonia.—Purchasing for July delivery has been quite heavy. A good deal of material has also been booked for August shipment. As reported previously, the bookings for the early shipping months have been heavier than the sellers expected. Importers say they have not yet taken a position on prices for the new season, but it was expected that they would do so presently.

Calcium Nitrate.—As reported previously, last season's price has been extended until further notice. The 1938-1939 schedule for cal nitro 20½ percent, appeared Tuesday. Prices for material in bulk are as follows:—$27.25 per ton for July-August-September shipment from abroad, $28 per ton for October-November shipments from abroad, $28.50 per ton for December, 1938, January-February, 1939, shipment from abroad, and $28.75 per ton for March-April, 1939, shipment from abroad. All of the aforementioned prices are ex-vessel Atlantic and Gulf ports at arrival weights and foreign analysis and are subject to change without notice. Shipping instructions must be in the hands of the seller not later than the 15th of the month preceding the month in which shipment from abroad is desired. In case the buyer delays in giving such instructions and the seller consequently is unable to arrange for shipment in the month desired, seller will ship at the earliest opportunity thereafter, but the price for the month in which shipment is made will govern. When buyer specifies discharge at buyer's wharf, not less than 560 tons of 2,000 pounds each are required per place of discharge and such place of discharge must have sufficient facilities to accommodate vessel used by the seller, and to permit vessel to approach the dock safely and lie always afloat. In such case, buyer is to have the privilege of doing the stevedoring and being paid for same at current rate of port. Discharge to be made at the rate of minimum 560 tons of 2,000 pounds per weather working day.

Castor Pomace.—Domestic producers were understood to have a light supply on hand which has been available at $18.50 per ton, f.o.b. producing points. The foreign market rose further last week with sales reported at $21 per ton, c.i.f. for shipment from abroad. This was $1 per ton higher than the nominal market price recently prevailing.

Dried Blood.—Although there have been no sales reported in New York above the $2.75 per unit level which was paid two weeks ago, there is no material available here below $3 per unit. Holders of stocks are very firm in their demands for that figure. The Chicago market advanced from $2.75 per unit to $2.80 per unit in the early trading, and a $3 per unit market was reported to have been established late in the week. Imported material is nominal around $3.20 per unit and has not figured in the trading here of late because the foreign shippers are able to get higher prices from European buyers.

Fish Scrap.—Baltimore reports that $3.25 and 10c. per unit-ton was paid for unground menhaden scrap, representing an increase of 25c. per unit-ton over a week ago. Japanese sardine meal was $1 per ton higher for shipment from the Orient, with $43 per ton quoted, basis c.i.f.

Nitrogenous Material.—Imported material advanced 5c. per unit last week to the basis of $2.70 to $2.75 per unit, c.i.f. Supplies of domestic material were difficult to obtain even at a price. The producers in Carteret, Norfolk, and in the West were also out of the market.

Tankage.—Ground material was nominally $3 and 10c. per unit-ton in New York with very little material around; unground sold at $2.80 and 10c per unit-ton, a boost of 5c. Fertilizer grade material in Chicago advanced 15c. to the basis of $2.55 and 10c. per unit-ton while the feeding grade in Chicago went up 25c. to the basis of $2.75 and 10c. per unit-ton. The foreign product was in a nominal position and most of the South American production was going to Europe.

Potashes

The market has quieted down following the booking activity that preceded the expiration of the 12 percent discount on the first of this month. There is not likely to be much buying interest now until just before October 1 when the present discount allowance of 5 percent expires. The 5 percent discount applies on orders placed prior to October 1 for spot delivery or for delivery in approximately equal monthly quantities through December. List prices will prevail on orders placed after October 1. A Department of Commerce dispatch from Frankfort-on-Main reports German potash exports for the first quarter of 1938 at 206,989 metric tons against 291,885 tons in the same period of 1937. Concurrently, exports of nitrogenous material rose to 228,312 metric tons from 221,741 tons.

Phosphates

Bone products registered further gain in price last week. Buying was active on the rising market. Superphosphate prices for the new season were named by Southern producers last week. The Baltimore makers of super who issued prices a few weeks back have been booking up a fairly good tonnage.

Bone Materials.—Prices were higher in almost every direction. In Chicago, 4½ & 50 raw was advanced $1 per ton to the basis of $27 to $28 per ton, while 3 and 50 meal was held at $22 per ton with the range of the market up to $24 per ton, and, 1½ and 60 steamed material was up $1 per ton to the basis of $19 to $20 per ton. Domestic 4½ & 50 material was up $1.50 per ton to the basis of $27.50 per ton. Imported raw bone was in a nominal position around $25 per ton, and it was difficult to obtain supplies. Imported 3 & 50 meal was advanced $2 per ton to the basis of $22.50 per ton in 100-pound bags. Imported 1 & 65-70 steamed material was advanced $1 per ton to the basis of $21 per ton.

Calcium Phosphate.—Importers of precipitated dibasic material testing 38 to 42 percent now asked 81c. per unit for shipment, basis c.i.f. against a former price of 76c. per unit.

Phosphate Rock.—Shipments of phosphate rock from the Zone of the French Protectorate in Morocco, which had show a decrease during the first few months of 1938 moved upward in April to 168,040 metric tons, making the total for the first 4 months 538,420 metric tons compared with 517,656 in the corresponding period of 1937. Italy alone accounted for 123,931 tons of the early 1938 deliveries, according to the Department of Commerce.

Superphosphate.—May production of bulk super was reported by the Department of Commerce at 283,189 tons against 278,520 tons in April and 340,532 tons in May last year. Production in wet base and wet mixed goods was 13,361 tons against 15,133 tons in April and 7,190 tons in May last year. May shipments of superphosphate totaled 257,216 tons against 490,441 tons in April and 326,375 tons in May last year. End-of-month stocks were 949,442 tons of bulk and 249,407 tons in base and mixed goods, against the April figures of 915,979 and 438,336 tons and the May, 1937, figures of 649,076 and 251,990 tons.

Sulphur and Pyrites

A reduction in the Louisiana sulphur severance tax from the present rate of $2 per ton to the equivalent of the $1.03 per ton tax rate now levied in Texas was contained in a measure to amend the Louisiana constitution, which was passed by the Legislature and signed by the governor last week. The amendment will be voted upon by the electorate at the general elections in November, and it also provides for a new ad valorem tax on the underground supplies of sulphur in the State. The rate of the new ad valorem tax is not to

Fertilizer Tag Sales: 1937-1938

Equivalent tons*

	June				July-June			
South—	P.C. of 1937.	1938.	1937.	1936.	P.C. of 1937.	1937-38.	1936-37.	1935-36.
Virginia†	94	8,568	9,125	4,204	89	406,419	457,222	374,466
North Carolina	85	26,023	30,484	20,468	92	1,120,300	1,217,055	1,017,829
South Carolina	102	19,858	19,515	15,523	86	666,746	776,514	613,086
Georgia	95	12,452	13,152	8,252	83	720,963	873,813	665,400
Florida†¶	141	28,645	20,326	15,164	97	549,965	569,363	446,081
Alabama	98	9,050	9,850	9,050	85	533,060	624,200	469,500
Mississippi	78	8,250	10,545	8,847	91	301,180	330,230	242,141
Tennessee†	43	280	650	75	93	134,472	145,208	109,711
Arkansas‡	..	250	.....	100	91	64,600	71,050	46,706
Louisiana†	224	1,900	850	1,977	93	147,518	158,467	109,204
Texas†	120	360	300	5	101	87,401	86,178	63,139
Oklahoma	..	125	5	50	136	8,405	6,185	5,985
Totals, South	101	116,361	114,802	84,315	89	4,741,029	5,316,485	4,163,248
Midwest—								
Indiana	167	469	281	906	97	266,271	274,090	214,157
Illinois	..	.....	412	437	86	43,111	50,021	27,846
Kentucky	60	188	313	63	109	120,504	110,440	80,115
Missouri	105	37	19	26	76	75,786	100,353	64,947
Kansas	..	23	.....	.....	141	16,894	12,015	7,454
Totals, Midwest	70	717	1,025	1,432	96	522,566	546,919	394,519
Grand totals	101	117,078	115,827	85,747	90	5,263,595	5,862,404	4,557,767

* Monthly records of fertilizer tax tags are kept by State control officials and may be slightly larger or smaller than the actual sales of fertilizer. The figures indicate the equivalent number of short tons of fertilizer represented by the tax tags purchased and required by law to be attached to each bag of fertilizer sold in the various States.

† Cottonseed meal sold as fertilizer included.

‡ Excludes 22,700 tons of cottonseed meal for July-June combined, but no separation is available for the amount of meal used as fertilizer from that used as feed.

¶ Includes 49,227 tons of phosphatic and lime materials for July-June, 1937-38.

(Compiled by the National Fertilizer Association)

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

DOMESTIC
SULPHATE OF AMMONIA
AND AMMONIA LIQUOR
THE Barrett COMPANY — 40 RECTOR STREET, NEW YORK

CRUDE SULPHUR
99½% PURE
Free From
ARSENIC, SELENIUM AND TELLURIUM
•
TEXAS GULF SULPHUR COMPANY
(INCORPORATED)
75 East 45th St., New York City
Deposits and Plants: Newgulf and Long Point, Texas

exceed twice the value of property above the ground.

Markets at Other Centers

Atlanta, July 13.—New prices for superphosphate have been issued by southern producers effective at once. The Coast price is 45c. per unit with 52½c. at interior producing points. The per ton, flat rate is 50c. more than the per unit basis, which figures $7.70 per ton at coast points and $8.40 at interior points. The price for the latter part of the past season was $9.60 per ton, though the difference is slight as compared with early season quotations of last year.

Cottonseed meal is firm at $23 per ton, Memphis basis, with 7 percent grades in the southeast at $23 to $23.50 and reported scarce.

Quotations of this market are as follows:—

SUPERPHOSPHATE.—$8.40 per unit, interior producing points.

NITRATE OF SODA.—$27 per ton, bulk, port basis.

SULPHATE OF AMMONIA.—$26.50 per ton, port basis; $25.50 interior producing points.

COTTONSEED MEAL.—7 percent grade $23 to $23.50 interior producing points.

BLOOD.—$2.70 per unit, basis Chicago.

TANKAGE.—$2.50 and 10c. per unit, Chicago; imported $3.10 and 10c., ports.

BONE.—3 and 50 percent, $22 to $23 per ton, basis Chicago.

Baltimore, July 13.—Organic ammoniates moved higher. Interest in offerings has increased. The prevailing quotations are as follows:—

FISH SCRAP.—Menhaden fishing down the Chesapeake Bay and outside of the Virginia capes improved in the early part of the current week. Some sales of scrap were made at $3.25 and 10c. per unit-ton at factory. Menhaden meal continues to rule around $46 per ton in car lots for July-August shipment.

TANKAGE.—$2.75 and 10c. to $2.90 and 10c. per unit-ton for ground, and, $2.50 and 10c. to $2.65 and 10c. per unit-ton for unground.

BLOOD.—$2.75 to $2.80 per unit-ton for unground and $3 per unit-ton for ground.

SUPERPHOSPHATE.—Producers quote $7.50 per ton for run of pile and of $8 per ton for 16 percent guaranteed.

BONE.—$19.50 per ton for 1 and 60; $22 per ton for 3 and 50 ground steamed; and $25 per ton for 4½ and 50.

Chicago, July 14.—Strength continues to be noted in the general fertilizer materials market. Prices are mostly steady to slightly higher than they have been. In the course of this slightly stiffer condition, sellers are now less interested in pushing material out for sale, and not so much is being pressed upon the market. Buying is a little brisker on some items. Blood is in fairly good call at this time. Tankage is moving in fair quantities. Bone materials are drawing inquiries and orders in moderately good volume at this time.

BLOOD.—Principal grade, $3 per unit of ammonia.

TANKAGE.—High grade, ground, $2.50 to $2.60 and 10c.; low grade, $16 to $17; hoof meal, $2.25 to $2.50; liquid stick, $1.90 to $2.

BONE MATERIALS.—Ground, steamed bone, 1¼ and 60 percent, $19 to $20; 3 and 50, $22 to $24; 4½ and 50 percent, $27 to $28; grinding hoofs, pigs' toes and waste horn materials, $35 to $45, mostly nominal; cattle jaws, skulls and knuckles, $17 to $18; pork cracklings, soft pressed, $35 to $45; beef cracklings, soft pressed, $30 to $35; hard pressed cracklings, per unit of protein, 35c. to 67½c.

San Francisco, July 12.—Another week has passed with as yet no announcements as to the chemical fertilizer price situation for the new season. Sellers of sulphate of ammonia and other products report they are marking time until they are able to post the new prices, and as a consequence, business is dormant in these commodities. Blood and tankage have had a better show of interest just lately, with prices strengthening. Packing houses report their June production disposed of, with demand running good on July and August material. Fish meals are rather quiet, although figuring in the market to some extent.

Ruling prices were:—

NITRATE OF SODA.—100-pound bags, $29 per ton ex vessel or warehouse, San Francisco/Oakland; 200-pound bags, $28.30 per ton ex vessel or warehouse, San Francisco/Oakland. Bulk lots $27.

SUPERPHOSPHATE.—Domestic 75c. per unit in bulk, f.o.b. producer's plant, San Francisco Bay. Bags, quoted at 86c. per unit. Foreign material nominal.

AMMONIA PHOSPHATE. — Quoted at $42 per ton, single bags, f.o.b. cars, San Francisco; basis 16 percent N., 20 percent P.A. Inland points, delivered, $1 per ton extra.

FISH MEAL.—California sardine meal is quoted on the basis of $46 per ton, f.o.b. cars, San Francisco/Monterey and $45 per ton, Los Angeles. New season, Washington state pilchard meal is quoted on the basis of $438 per ton.

TANKAGE. — Domestic packing house tankage, ground, high grade, quoted nominally on the basis of $3.10 tand 10c. per unit-ton, f.o.b. cars, Los Angeles. Lower grades, quoted at $2.70 to $2.75 and 10c. Dry rendered, ground, quoted on the basis of $35 per ton, f.o.b. cars, San Francisco. Unground, dry rendered, quoted on the basis of 57½c. to 60c.

BLOOD MEAL.—Domestic $3.05 to $3.15 per unit, f.o.b. cars, Los Angeles.

BONE MEAL.—Domestic and imported steamed bone meal, quoted, according to seller and quality, at from $24 to $27 per ton, delivered Pacific Coast ports.

Fertilizer Freights Increase Opposed

OPD Washington Bureau
July 14, 1938

Hearings opened this week before an examiner for the Interstate Commerce Commission in a case involving freight rates on fertilizers and fertilizer products moving both North and South between so-called Southern and Official Freight Classification territories.

The railroads filed tariffs increasing the interterritorial rates, and on protest of shippers the commission suspended these and ordered an investigation (I. & S. docket No. 4486). The railroads assert that the new tariffs are to bring the interterritorial rates into line with both Southern and Official intraterritorial fertiliber rates.

One of the witnesses was Charles J. Brand, executive secretary of the National Fertilizer Association, who reminded the commission that fertilizer freight rates have recently been increased as a result of general freight rate increases allowed by the Interstate Commerce Commission, and that the new tariffs would mean a double increase. He declared that the proposed rates would upset competitive relationships within the fertilizer industry.

Charles J. Brand, executive secretary and treasurer of the National Fertilizer Association, gave an address on "International Cooperation on Agricultural Problems" at the annual meeting of the Institute of Public Affairs, July 12, in Charlottesville, Va.

Patman Act After Two Years

—Continued from page 52

However, as long as the cash discount is reasonable and uniformly applied to all buyers equally, there is no likelihood of any difficulties arising.

The Robinson-Patman act in fact affords sellers an opportunity to stop buyers from taking discounts after the due date. The seller can with complete justification tell his buyers that he cannot let the buyer take a cash discount after the due date since this might readily constitute a price discrimination wherein not only the seller but the buyer as well might be guilty of violating the act.

—To be continued

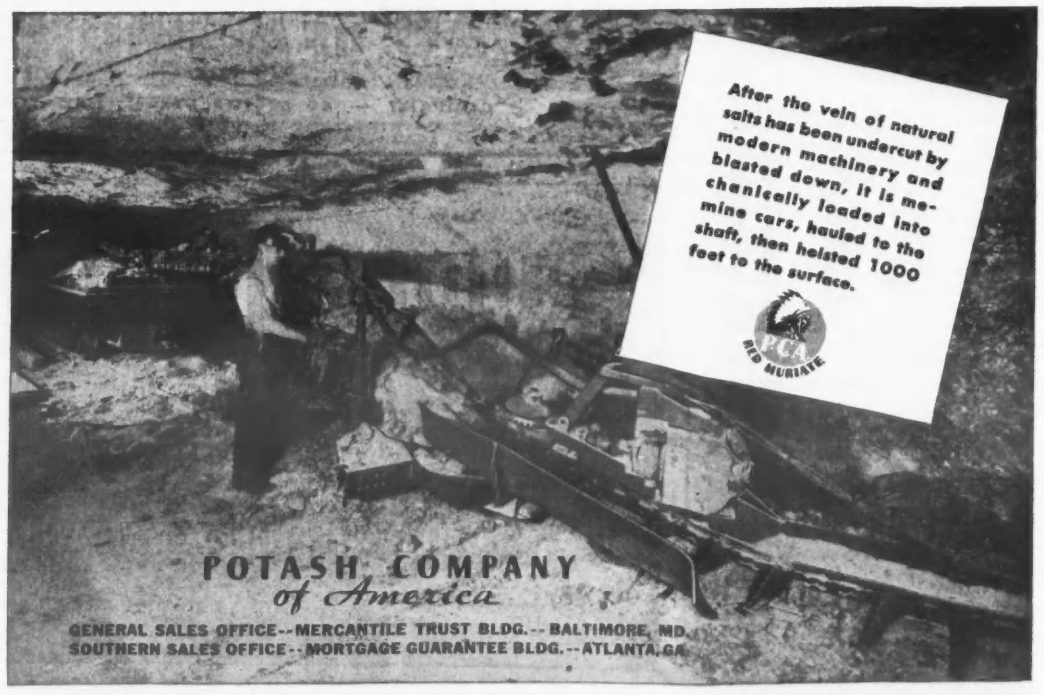
Rosin Crystallization Discussed by A.S.T.M.

At the session of committee D-17 on naval stores in the recent annual meeting of the American Society for Testing Materials a discussion of the theory underlying crystallization of rosin was given by E. A. Georgi, of the Hercules Powder Company experiment station. Mr. Georgi pointed out that crystallization does not change the chemical properties of rosin, although it may be annoying to the user to find that rosin just put in a solution is crystallizing out. He pointed out that, while rosin is often considered as being a solid, in its usual state, it is merely a supercooled liquid, and that rosin can assume to be a "glass" when considered as a supercooled impure compound. From the theoretical standpoint, crystallization can be prevented by the addition of a material so strongly absorbed that the crystal nuclei cannot form. Substances which are only moderately absorbed cause a change in crystal form only.

The A.S.T.M. committee (D-17) on naval stores, in order to make available in greater detail than is now provided by the regulations under the Federal naval stores act the methods of sampling and grading rosin and the tolerances permitted, developed new methods, and these were accepted for publication as tentative. The committee plans to continue its work on crystallization with a view of developing a practical method of determining this tendency. Work will be started on methods of determining matter insoluble in petroleum ether and the determination of ash in rosin.

DuPont Offers New Lacquer

E. I. duPont de Nemours & Co., Wilmington, Del., is offering a new lacquer for proteciton of metals from rust and corrosion caused by salt spray and moisture. The lacquer is based on methacrylate, one of the most recent developments of the du Pont laboratories. The methacrylate resins, which may be derived from such common materials as air, water and coal form the basis of du Pont's new plastic "Lucite" and are now being introduced into other fields.


After the vein of natural salts has been undercut by modern machinery and blasted down, it is mechanically loaded into mine cars, hauled to the shaft, then hoisted 1000 feet to the surface.
PCA
RED MURIATE
POTASH COMPANY
of America
GENERAL SALES OFFICE--MERCANTILE TRUST BLDG.--BALTIMORE, MD.
SOUTHERN SALES OFFICE--MORTGAGE GUARANTEE BLDG.--ATLANTA, GA.

Bids Wanted

Acetone:—4,000 pounds; General Purchasing Officer, Panama Canal, Washington, D. C.; schedule 3369, opening July 29.

Acetylene Tetrachloride: — 6,500 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 6, opening July 25.

Aluminum Powder:—3,800 pounds; U. S. Engineer Office, Huntington, W. Va., procurement 9, opening July 22.

Alcohol, Ethyl:—10,000 gallons; General Purchasing Officer, Panama Canal, Washington, D. C.; schedule 3369, opening July 29.

Aluminum, Powdered:—10,000 pounds; General Purchasing Officer, Panama Canal, Washington, D. C.; schedule 3369, opening July 29.

Asphalt:—90,000 gallons; Naval Supply Depot, Norfolk, Va., schedule 9398, opening July 19.

Benzol:—1,480 gallons for Mare Island and Puget Sound; Bureau of Supplies and Purchases, Navy Department, Washington, D. C.; schedule 4011, opening August 5.

Carbon Bisulphide:—1,000 gallons; General Purchasing Officer, Panama Canal, Washington, D. C.; schedule 3369, opening July 29.

Cobalt Acetate:—1,000 pounds, for Norfolk; Bureau of Supplies and Purchases, Navy Department, Washington, D. C.; schedule 4018, opening July 29.

Chrome, Yellow:—500 pounds; General Purchasing Officer, Panama Canal, Washington, D. C.; schedule 3369, opening July 29

Gasoline:—Supplies during August and September; U. S. Engineer Office, P. O. building, Chicago; procurement 4, opening July 21.

Laboratory Equipment:—Supplies; Division of Purchases and Sales, Department of Commerce, Washington, D. C.; procurement 19407, opening July 19.

Lampblack:—6,200 pounds; General Purchasing Officer, Panama Canal, Washington, D. C.; schedule 3369, opening July 29.

Lead, Red:—1,000 pounds; U. S. Engineer Office, Customhouse, Wilmington, N. C.; procurement 5, opening July 18.

Linseed Oil, Raw:—85,250 pounds; General Purchasing Officer, Panama Canal, Washington, D. C.; schedule 3369, opening July 29.
15,000 pounds of boiled; General Purchasing Officer, Panama Canal, Washington, D. C.; schedule 3369, opening July 29.

Manganese Linoleate:—15,000 pounds for Mare Island; Bureau of Supplies and Purchases, Navy Department, Washington, D. C.; schedule 4014, opening August 5.
20,000 pounds for Norfolk; Bureau of Supplies and Purchases, Navy Department, Washington, D. C.; schedule 4014, opening August 5.
1,200 pounds; General Purchasing Officer, Panama Canal, Washington, D. C.; schedule 3369, opening July 29.

Naphtha, Coaltar:—1,000 gallons; General Purchasing Officer, Panama Canal, Washington, D. C.; schedule 3369, opening July 29.

Ocher, Yellow:—10,000 pounds; General Purchasing Officer, Panama Canal, Washington, D. C.; schedule 3369, opening July 29.

Oxygen:—29,290 cubic feet; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 4, opening July 25.

Petroleum Residium:—265 tons for Mare Island and Norfolk; Bureau of Supplies and Purchases, Navy Department, Washington, D. C.; schedule 4013, opening August 5.

Red, Venetian:—10,000 pounds; Purchasing Officer, Panama Canal, Washington, D. C.; schedule 3369, opening July 29.
1,000 pounds; Superintendent of Lighthouses, Staten Island; procurement 57830, opening July 18.

Resin:—15,000 pounds of phenol-formaldehyde, Bureau of Supplies and Purchase, Navy Department, Washington, D. C.; schedule 3965, opening August 2.
4,000 pounds for Mare Island; Bureau of Supplies and Purchases, Navy Department, Washington, D. C.; schedule 3965, opening August 2.

Salt, Rock:—50,000 pounds; Quartermaster Supply Office, Eighth Corps Area, General Depot, Fort Sam Houston, Tex.; procurement 503-7, opening July 26.

Shellac, Orange:—30,000 pounds for Norfolk; Bureau of Supplies and Purchases, Navy Department, Washington, D. C.; schedule 900-1926, opening July 27.

Soaps:—Supplies for Eastern and Western yards; Bureau of Supplies and Purchases, Navy Department, Washington, D. C.; schedule 3931, opening July 29.

Laundry:—6,000 pounds; U. S. Engineer Office, Customhouse, Wilmington, N. C.; procurement 7, opening July 21.

Soda Acetate:—150,000 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 516, opening August 1.

Ash:—For Eastern and Western yards; Bureau of Supplies and Accounts, Navy Department, Washington, D. C.; schedule 3878, opening July 22.
24,000 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 516, opening August 1.

Bicarbonate:—For Eastern and Western yards; Bureau of Supplies and Accounts, Navy Department, Washington D. C.; schedule 3908, opening July 26.

Caustic:—For Eastern and Western yards; Bureau of Supplies and Accounts, Navy Department, Washington, D. C.; schedule 3874, opening July 22.

Phosphate:—Tribasic for Eastern and Western yards; Bureau of Supplies and Accounts, Navy Department, Washington, D. C.; schedule 3904, opening July 26.

Solvent, Cleaning:—1,000 gallons; U. S. Engineer Office, Fort Peck, Montana; procurement 3, opening July 21.

Degreaser:—1,300 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 3, opening July 21.

Titanium Pigment:—5,000 pounds; General Purchasing Officer, Panama Canal, Washington, D. C.; schedule 3369, opening July 29.

Barium Pigment:—200,000 pounds for Norfolk; Bureau of Supplies and Purchases, Navy Department, Washington, D. C.; schedule 4010, opening July 29.

Turpentine:—2,000 gallons; General Purchasing Officer, Panama Canal, Washington, D. C.; schedule 3369, opening July 29.

Trinitrotoluol: — 470,000 pounds for Yorktown; Bureau of Supplies and Accounts, Navy Department, Washington, D. C.; schedule 3845, opening July 12.

Umber, Burnt:—1,600 pounds; General Purchasing Officer, Panama Canal, Washington, D. C.; schedule 3369, opening July 29.

Varnish, Spar:—5,000 gallons; General Purchasing Officer, Panama Canal, Washington, D. C.; schedule 3369, opening July 29.

Zinc Oxide:—50,000 pounds in oil; General Purchasing Officer, Panama Canal, Washington, D. C.; schedule 3369, opening July 29.

Shipping Information

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Imports at U.S. Ports

New York Imports

ACID, ACETIC — 1 pkg, Mitsui & Co, Nako, Osaka
ADIPIC — 52 cks, E I duPont de Nemours & Co, Manhattan, Hamburg
TARTARIC — 100 cks, 12,419 lbs. Leghorn Trading Co, Conte di Savoia, Genoa
ALBUMEN, BLOOD — 1 ck, 5 cwt, 1 qtr, 14 lbs, Rawplug Co, Samaria, Liverpool
EGG, HEN — 28 cs, National City Bank, Tosan, Moji
56 cs, Philadelphia National Bank, Tosan, Tientsin
VEGETABLE — 8 cs, 1,223 lbs, Lo Curto & Funk, Deutschland, Bremen
ALUMINUM LEAF — 45 cs, Alka Bottle Capping Machine Co, Europa, Bremen
4 cs, F P Gaskell & Co, Europa, Bremen
9 cs, Hensel, Bruckmann & Lorbacher, Deutschland, Hamburg
27 cs, Globe Shipping Co, Deutschland, Hamburg
ANNATTO SEED — 64 bgs, Pablo Calvet & Co, Unicoi, Madras
50 bgs, Talamanca, Kingston
ARECANUT — 40 bgs, J L Hopkins & Co, Unicoi, Colombo
ARROWROOT — 300 bbls, 800 bgs, Morningstar-Nicol, Ingrid, St Vincent
ARTISTS' MATERIAL — 1 cs, Favor, Ruhl & Co, American Trader, London
2 cs, Winsor & Newton, Nako, Yokohama
ASBESTOS — 2,193 bgs, Johns-Manville Corp, Challenger, Capetown
29 bls, 308 bgs, Standard Bank South Africa, Challenger, Lourenco Marques
BALSAM — 10 cs, Magnus, Mabee & Reynard, Santa Rosa, Cristobal
10 cs, W R Grace & Co, Santa Rosa, Cristobal
10 cs, National City Bank, Buenaventura, C A ports
BARIUM CHLORATE — 50 bbls, 6,197 lbs, International Selling Corp, Pipestone County, Havre
BARK, MEDICINAL — 25 bgs, 2,310 lbs, R D Hines, Deutschland, Hamburg
BARYTES — 10 cars, United Color & Pigment Co, Seatrain Havana, Havana
2 cars, F E Schundler Co, Seatrain Havana, Havana
BASIC SLAG — 1 bg, Deutschland, Bremen
BAUXITE RESIDUE — 224 bgs, 10 tons, 2 cwt, Smith Chem & Color Co, Quaker City, Glasgow
BAY RUM, DENAT — 31 dms, Bornn Distilling Co, Rosario, San Juan
BLANC FIXE—10 cks, Philipp Bros, Statendam, Rotterdam
BLUE, BLEACHERS—5 bbls, 1 ton, 2 cwts, 2 qtrs, A De Ronde & Co, Samaria, Liverpool
BONES—1 car, Geck Trading Corp, Seatrain Havana, Havana
BRISTLES—31 cs, Continental Bank Trust Co, American Trader, London
1 cs, M Broverman & Son, American Trader, London
5 cs, H Rosenhirsch Co, American Trader, London
50 cs, Philadelphia Natl Bank, Nako, Dairen
50 cs, Marchen Maersk, Hongkong
55 cs, F H Cone & Co, Marchen Maersk, Kobe
105 cs, Guaranty Trust Co, Tosan, Tientsin
100 cs, H Rosenhirsch Co, Tosan, Tientsin
80 cs, Tradesmen Natl Bank, Tosan, Tientsin
125 cs, Philadelphia Natl Bank, Tosan, Tientsin
61 cs, Public Natl Bank, Tosan, Tientsin
55 cs, National City Bank, Tosan, Tientsin
171 cs, National City Bank, Tosan, Moji
10 cs, Chase Natl Bank, Tosan, Moji
50 cs, Kane Import Corp, Tosan, Moji
53 cs, S Hirschorn & Sons, Tosan, Moji
50 cs, Public Natl Bank, Tosan, Moji
66 cs, National City Bank, Tosan, Moji
50 cs, Chase Natl Bank, Tosan, Tientsin
60 cs, Goldman, Sachs & Co, Tosan, Tientsin
50 cs, Chase Natl Bank, Tosan, Tientsin
55 cs, Corn Exchange Bank, Tosan, Tientsin
7 cs, Aquitania, Southampton
BRONZE POWDER—7 cs, Europa, Bremen
10 dms, 2 cs, R F Downing & Co, Europa, Bremen
1 dm, E Hemingson Co, Europa, Bremen
CACTUS—12 cs, Talamanca, Kingston
CALCIUM CYANIDE—76 cs, American Cyanamid & Chem Co, Gerolstein, Antwerp
TARTRATE—1,483 bgs, Southern Prince, Buenos Aires
CAMPHOR, CRUDE—500 cs, Eastman Kodak Co, Nako Keelung, Rochester
REFINED—25 cs, Luch Shipping Co, Tosan, Kobe
CANARY SEED—333 bgs, A G Dunn, Southern Prince, Buenos Aires
264 bgs, Southern Prince, Buenos Aires
CARAWAY SEED—100 bgs, 11,000 lbs, Knickerbocker Mills So, Black Hawk, Rotterdam
100 bgs, 11,000 lbs, M Witsenburg, Robert Maersk, Rotterdam
100 bgs, 11,000 lbs, R L Friedler, Robert Maersk, Rotterdam
100 bgs, 11,000 lbs, American Bluefrisveen, Statendam, Rotterdam
100 bgs, 11,000 lbs, C M Van Sillevoldt, Statendam, Rotterdam
CARBON DECOLORIZING—800 bgs, Seatrain Line, Statendam, Rotterdam
CASSIA—150 bls, Wah Young Co, Marchen Maersk, Hongkong
100 bls, Marchen Maersk, Hongkong
CHALK, BLOCK—1,513 tons, Taintor Trading Co, Pipestone County, Dunkirk
1,515 tons, Taintor Trading Co, West Cusseta, Dunkirk
PRECIPITATED—120 bgs, H J Baker & Bros, Toronto City, Bristol
CHAMOIS—1 cs, Chase National Bank, Normandie, Havre
CHEMICALS—10 bbls, Hummel Chemical Co, Deutschland, Hamburg
3 cs, 1 balloon, Akatos, Inc, Deutschland, Hamburg
8 bbls, 1 cs, 20 cks, Deutschland, Hamburg
6 cs, Schimmel & Co, Deutschland, Hamburg
3 cks, Stanley Doggett, Deutschland, Bremen
150 cks, 40 bgs, Deutschland, Bremen
5 cs, Hummel Chemical Co, Deutschland, Bremen
100 bgs, Schofield-Donald Co, Caledonia, Glasgow
CHEMICALS—35 cs, Bergstrom Trading Co, Drottingholm, Gothenburg
1 cs, National Carloading Corp, Normandie, Havre
8 dms, Advance Solvents & Chemical Co, Black Hawk, Rotterdam
500 bgs, Black Hawk, Rotterdam
61 bbls, Metamol Chemical Corp, Black Hawk, Rotterdam
50 bgs, Robert Maersk, Rotterdam
334 bgs, Advance Solvents & Chemical Co, Statendam, Rotterdam
15 cks, American Cyanamid & Chemical Co, Statendam, Rotterdam
8 cks, General Aniline Works, Statendam, Rotterdam
2 cks, Ciba Co, Statendam, Rotterdam
CHINA CLAY—260 bgs, Whittaker, Clark & Daniels, Statendam, Rotterdam
CLAY—50 bgs, Hammill & Gillespie, Toronto City, Bristol
30 tons, Moore & Munger, Toronto City, Bristol
7 cks, Deutschland, Bremen
BURNT—200 bgs, Guy C Foster, Samaria, Liverpool
CLOVES—350 bls, Challenger, Zanzibar
38 bls, Silverwalnut, Macassar
100 bls, Silverwalnut, Tamatave
COALTAR INTERMEDIATES—3 dms, Sandoz Chemical Works, Europa, Bremen
12 dms, Ciba Co, Europa, Bremen
20 cks, General Aniline Works, Europa, Bremen
1 cs, General Dyestuff Corp, Deutschland, Hamburg
3 cks, General Aniline Works, Statendam, Rotterdam
9 cks, 34 dms, General Dyestuff Corp, Statendam, Rotterdam
COBALT METAL—9 cs, Central Trading Corp, Henri Jaspar, Antwerp
COCOA BEANS—26 bgs, Daggett Chocolate Co, Rosario, San Juan
500 bgs, Posedon, Puerto Cabello
5,664 bgs, Balfour, Guthrie & Co, New Toronto, Koko
767 bgs, New Toronto, Lagos
6,329 bgs, Balfour, Guthrie & Co, New Toronto, Apapa
3,847 bgs, Balfour, Guthrie & Co, New Toronto, Lagos
3,191 bgs, New Toronto, Lagos
720 bgs, Superintendence Co, New Toronto, Lagos
3,712 bgs, Comp Francaise, New Toronto, Accra
4,800 bgs, Standard Bank South Africa, New Toronto, Takoradi
2,400 bgs, Bank of Manhattan, Takoradi
4,128 bgs, New Toronto, Takoradi
30 bgs, Mecke & Co, Santa Rosa, Curacao
300 bgs, Machado & Co, Santa Rosa, La Guaira
63 bgs, Wessel, Duval & Co, Santa Rosa, Puerto Cabello
100 bgs, Transmarine Merc Corp, Santa Rosa, Cape Haitien
100 bgs, J L Hatchman & Co, Santa Rosa, Cape Haitien
300 bgs, Wessel, Duval & Co, Challenger, Trinidad
29 bgs, Mecke & Co, Medea, Maracaibo
90 bgs, Schutte & Focke, Medea, Curacao
30 bgs, Struller & Wood, Medea, Curacao
34 bgs, Medea, Curacao
250 bgs, Wessel, Kulenkampf & Co, Santa Inez, Guavuaquil
150 bgs, W R Grace & Co, Santa Inez, Guayaquil
1,800 bgs, Wood & Selick, Ingrid, Port Spain
500 bgs, Wessel, Kulenkampf & Co, Ingrid, Port Spain
1,000 bgs, Middleton & Co, Ingrid, Port Spain
420 bgs, Ingrid, Port Spain
45 bgs, N Y P R S S Co, Coamo, Trujillo
125 bgs, Curacao Trading Co, Coamo, Trujillo
1,600 bgs, Carr Bros, Coamo, Trujillo
3,047 bgs, D Bacon, Samaria, Liverpool
3,047 bgs, Wessel, Kulenkampf & Co, Almena, Trujillo
2,517 bgs, Machado & Co, Almena, Trujillo
800 bgs, Almena, Trujillo
1,660 bgs, Machado & Co, Almena, Sanchez
200 bgs, Gillespie & Co, Almena, Sanchez
1,000 bgs, Curacao Trading Co, Almena, Sanchez
3,703 bgs, Wessel, Kulenkampf & Co, Almena, Sanchez
750 bgs, Porcella, Vicini & Co, Almena, Puerto Plata
300 bgs, Machado & Co, Almena, Puerto Plata
1,000 bgs, Curacao Trading Co, Almena, Puerto Plata
1,050 bgs, National Bank of N Y, Almena, Puerto Plata
250 bgs, Southern Prince, Port Spain
COCONUTS—45 bgs, 4,500 lbs, Rosario, Mayaguez
196 bgs, 19,600 lbs, I L Toledano Corp, Rosario, Mayaguez
14 bgs, 1,400 lbs, J Di Cristina, San Jacinto, Mayaguez
750 bgs, 75,000 lbs, I L Toledano Corp, Buenaventura, Cristobal
63 bgs, 6,300 lbs, H L Daurheim, Coamo, San Juan
111 bgs, 11,100 lbs, Simons French Co, Coamo, San Juan
20 bgs, 2,000 lbs, Porto Rico Fruit Exchange, Coamo, San Juan
10 bgs, 1,000 lbs, Midtown Jobbers, Coamo, San Juan
44 bgs, 4,400 lbs, Universal Import & Export Co, Manuela, San Juan
35 bgs, 3,500 lbs, J Simon & Co, Manuela, San Juan
199 bgs, 19,900 lbs, I L Toledano Corp, Manuela, San Juan
1,953 bgs, 195,300 lbs, General Food Corp, Manuela, San Juan
3,790 bgs, 379,000 lbs, General Food Corp, Talamanca, Kingston
COCONUT, DESIC—1,381 cs, Durkee Famous Food, Marchen Maersk, Manila
350 cs, Wood & Selick, Marchen Maersk, Manila
5,429 cs, General Food Corp, Marchen Maersk, Manila
COLORS—10 bbls, Lowenstein Bros, De Grasse, Havre
8 cks, Fulton Dye & Import Co, Normandie, Havre
COALTAR—4 kgs, General Dyestuff Corp, Statendam, Rotterdam
COLUMBITE ORE—560 bgs, Union Ore Corp, New Toronto, Abonema
CORIANDER SEED—100 bgs, P H Petry & Co, Exmoor, Casablanca
CORK—4 bls, Cork Import Corp, Elin K, Seville
2 bgs, Exmoor, Lisbon
40 bgs, Mundet Cork Corp, Exmoor, Lisbon
VIRGIN—110 bls, Exmoor, Casablanca
WOOD—232 bls, H Suhl, Excello, Algiers
50 bls, Excello, Algiers
243 bls, Exmoor, Lisbon
CUTTLEFISH BONES — 98 cs, Normandie, Havre
DIACETYL—5 pkgs, W Fischer, Pilsudski, Copenhagen
DYES, ALIZARIN—6 cks, General Dyestuff Corp, Europa, Bremen
7 cks, 9 jugs, 13 dms, 1 cs, General Dyestuff Corp, Statendam, Rotterdam
ANILIN—16 dms, Sandoz Chem Works, Europa, Bremen
37 dms, 1 cs, Ciba Co, Europa, Bremen
2 cks, 1 cs, General Dyestuff Corp, Europa, Bremen
4 cns, Ciba Co, Normandie, Havre
20 bbls, Geigy Co, Normandie, Havre
19 kgs, Carbic Color & Chem Co, Normandie, Havre
2 cs, E I du Pont de Nemours Co, Samaria, Liverpool
12 cks, L & R Organic Prod Co, Statendam, Rotterdam
11 cks, 1 cs, General Dyestuff Corp, Statendam, Rotterdam
27 dms, 2 cks, 1 cs, Ciba Co, Statendam, Rotterdam
EGG YOLK, HEN—56 cs, I Grob & Co, Marchen Maersk, Shanghai
56 cs, Stein, Hall & Co, Marchen Maersk, Shanghai
56 cs, Chase National Bank, Tosan, Moji
EPHEDRA—62 bls, S B Penick & Co, Nako, Tientsin
160 bls, Brown Bros, Harriman Co Tosan, Moji
FILTER, PAPER—13 cs, H Reeve Angel & Co, American Trader, London
6 bls, 9 cs, H Reeve Angel & Co, Normandie, Havre
FLAVORING EXTRACT—3 cs, A M Schmid & Co, Manhattan, Hamburg
FLAXSEED—1,347 tons, 53,880 bus, Archer-Daniels-Midland Co, Tureby, Ibicuhy
6,853 tons, 274,120 bus, Archer-Daniels-Midland Co, Tureby, Rosario
448 tons, 17,920 bus, Southern Prince, Buenos Aires
411 bgs, 904 bus, Southern Prince, Buenos Aires
FULLER'S EARTH—750 bgs, L A Salomon & Bros, Toronto City, Bristol
100 bgs, L A Salomon & Bros, American Trader, London
GAMBIER—140 bgs, E E Androvette, Silverwalnut, Singapore
70 bgs, Silverwalnut, Singapore
GELATIN—1 cs, American Express Co, Normandie, Havre
POWDERED—1 bbl, 4 dms, R D McLellan, Black Hawk, Rotterdam
25 cs, 2 cks, International Selling Corp, Gerolstein, Antwerp
SHEET—25 cs, T M Duche & Sons, Gerolstein, Antwerp
10 cs, Gerolstein, Antwerp
GINGER ROOT—634 bgs, Cooperative Wholesale Society, Ltd, New Toronto, Freetown
9 bgs, S Solomon, Coamo, Puerto Rica
8 bgs, Coamo, Puerto Rica
60 bgs, Barclay Bank, Talamanca, Kingston
GLASS, PLATE—15 cs, Globe Shipping Co, Deutschland, Hamburg
10 cs, Brown Brothers, Harriman Co, Henri Jaspar, Antwerp
WINDOW—5 cs, Leo Popper & Sons, Manhattan, Hamburg
3,348 cs, Vitrea Co, Manhattan, Hamburg
200 cs, Henri Jaspar, Antwerp
10 cs, Globe Shipping Co, Samaria, Liverpool
1,005 cs, National City Bank, Gerolstein, Antwerp
60 cs, Gerolstein, Antwerp
GLUE—40 bgs, International Selling Corp, Normandie, Havre
LIQUID—18 cs, Dunlap Tire & Rubber Co, Samaria, Liverpool
GLUESTOCK—52 bls, American Express Co, Samaria, Liverpool
GLYCERIN—47 dms, Armour Soap Works, Exmoor, Casablanca
GRAPHITE—1,063 bgs, Silverwalnut, Tamatave
500 bgs, Silverwalnut, Vatomandry
75 dms, 15 tons, Globe Shipping Co, Samaria, Liverpool
GREASE, WOOL—35 dms, Continental Bank Trust Co, Pipestone County, Dunkirk
GUM, ARABIC—150 bgs, T M Duche & Sons, Unicoi, Port Sudan
150 bgs, Frank Vliet Co, Unicoi, Port Sudan
300 bgs, Unicoi, Port Sudan
500 bgs, Thurston & Braidich, Machardo, Port Sudan
75 bgs, S B Penick & Co, Machardo, Port Sudan
150 bgs, National Adhesive Corp, Machardo, Port Sudan
150 bgs, R J Prentiss & Co, Machardo, Port Sudan
200 bgs, Paul A Dunkel & Co, Machardo, Port Sudan
250 bgs, Machardo, Port Sudan
BENZOIN—7 cs, Lo Curto & Funk, American Trader, London
COPAL—100 bgs, O G Innes Corp, Henri Jaspar, Antwerp
170 bskts, Philadelphia National Bank, Silverwalnut, Tomimi Bay
112 bskts, 62 bgs, O G Innes Corp, Silverwalnut, Macassar
36 bskts, National City Bank, Silverwalnut, Macassar
34 bskts, Chase National Bank, Silverwalnut, Macassar
193 bskts, Irving Trust Co, Silverwalnut, Macassar
20 bgs, O G Innes Corp, Gerolstein, Antwerp
DAMMAR—420 bgs, American Cyanamid & Chemical Co, Silverwalnut, Singapore
25 cs, O G Innes Corp, Silverwalnut, Singapore
25 cs, 70 bgs, Manufacturers Trust Co, Silverwalnut, Singapore
50 cs, Chase National Bank, Silverwalnut, Singapore
490 bgs, France, Campbell & Darling, Silverwalnut, Singapore
50 cs, Stroock & Wittenberg, Silverwalnut, Singapore
PENDARE—15 bgs, Chicle Development Co, Ingrid, Port Spain
TRAGACANTH—4 bgs, 1 cs, Gonrand Shipping Co, American Trader, London
TURPENTINE—18 bbls, W J Bush & Co, American Trader, London
VEGETABLE—10 bgs, Conte di Savoia, Genoa
GYPSUM—5,550 tons, U S Gypsum Co, Gypsum Empress, Windsor
3 cs, Mitsubishi-Shoji-Kaisha, Nako, Yokohama
5,600 tons, U S Gypsum Co, Gypsum King, Windsor
CALCINED—421 bgs, 17 tons, 17 cwts, 11 lbs, Whittaker, Clark & Daniels, Samaria, Liverpool
HERBS, MEDICINAL—8 bls, Manhattan, Hamburg
1 bg, R D Hines, Deutschland, Hamburg
ILMENITE SAND—9,400 tons, Greylock, Mombasa
IRISH MOSS—50 bls, R J Prentiss & Co, De Grasse, Havre
10 bls, 10 bgs, De Grasse, Havre
100 bls, Reigenberg Bros, Normandie, Havre
IRON ORE—45 dms, Reichard-Coulston, Samaria, Liverpool
9 bgs, Luiz Helmuth, Southern Prince, Santos
ISINGLASS—20 cs, American Trader, London
10 cs, National Carloading Corp, American Trader, London
5 cs, Aquitania, Southampton
JUNIPER BERRIES—247 bgs, P C Kuyper & Co, American Trader, London
150 bgs, F D Keller, Gdynia
KOLA NUTS—26 bgs, J L Hopkins & Co, Talamanca, Kingston
225 bgs, D Steengrafe, Talamanca, Kingston
LIME JUICE—2 cks, E J Barry, Talamanca, Kingston
LIVER, SALT—4 cs, Bayer & Co, Samaria, Liverpool
MACE—10 cs, Van Norden & Archibald, Ingrid, Grenada
MAGNESIA, CARBONATE — 70 cs, 50 cks, Schofield-Donald Co, Samaria, Liverpool
HYDRATE — 20 cs, Schofield-Donald Co, Samaria, Liverpool
MANGROVE BARK EXTRACT — 1,000 bgs, Silverwalnut, Singapore
MATE—10 cs, Banca Com'l Italian Trust Co, Southern Prince, Buenos Aires
MATCHES, SAFETY—4,000 contrs, N Y Match Co, Drottningholm, Gothenburg
MEDICINAL PREPS—2 cs, Burroughs, Wellcome & Co, American Trader, London
10 cs, G J Wallau, De Grasse, Havre
2 cs, Hoffman-La Roche, De Grasse, Havre
6 cs, Lo Curto & Funk, Normandie, Havre
24 cs, 2 cks, Hoffman-La Roche, Normandie, Havre
2 cs, E Fougera & Co, Normandie, Havre
12 cs, Italian Drug Import Co, Conte Di Savoia, Genoa
MICA—110 cs, Machardo, Calcutta
103 cs, O Gerdau Co, Southern Prince, Rio de Janeiro
4 cs, Southern Prince, Rio de Janeiro
BLOCK—1 cs, Machardo, Calcutta
CUT—6 cs, Machardo, Calcutta
SPLITTING—77 cs, Unicoi, Madras
15 cs Machardo, Calcutta
MUSTARD SEED—448 bgs, Corn Exchange Bank, Tosan, Moji
300 bgs, C Gulden, Black Hawk, Rotterdam
130 bgs, Catz American Co, Robert Maersk, Rotterdam
NUTMEGS—280 bgs, Van Norden & Archibald, Ingrid, Grenada
200 bgs, B H Old & Co, Ingrid, Grenada
100 bgs, Catz American Co, Robert Maersk, Rotterdam
OCHER—130 bgs, 25 dms, Reichard-Coulston, Samaria, Liverpool
OIL, BAY—5 cs, J H Rodriguez, Rosario, San Juan
17 cs, Ingrid, Dominica
BUTTER—32 cs, Lekas & Drivas, Conte Di Savoia, Genoa
CAJEPUT—2 dms, Silverwalnut, Macassar
CAMPHOR—25 dms, Norda Essential Oil & Chem Co, Nako, Keelung
25 dms, Orbis Prod Corp, Nako, Keelung
3 dms, Lautier Fils, Nako, Keelung
25 dms, Orbis Prod Co, Nako, Kobe
50 dms, Norda Essential Oil Chem Co, Nako, Kobe
6 dms, Continental Bank Trust Co, Nako, Yokohama
6 dms, Ungerer & Co, Nako, Yokohama
50 dms, Dodge & Olcott Co, Marchen Maersk, Kobe
CASSIA—30 dms, Bingham & Co, Marchen Maersk, Canton
CINNAMON LEAF—19 dms, R C Treatt & Co, American Trader, London
2 dms, E de Witt Osborn, Unicoi, Colombo
COCONUT—536 tons, Bankers Trust Co, Marchen Maersk, Manila
420 tons, Philippine Refining Corp, Marchen Maersk, Manila
160 tons, Marchen Maersk, Manila
400 tons, Bankers Trust Co, Silverwalnut, Manila
COD—450 cks, Balfour, Guthrie & Co, Manhattan, Hamburg
20 dms, Deutschland, Hamburg
52 cks, F W Damon, Port Townshend, St Johns
CODLIVER — 30 dms, H H Rosenthal Co, Manhattan, Hamburg
CORN—180 dms, Corn Product Refining Co, Caledonia, Glasgow
457 dms, Corn Product Refining Co, Pipestone County, Dunkirk
600 dms, Corn Product Refining Co, Marchen Maersk, Kobe
107 dms, Corn Product Refining Co, Quaker City, Belfast
125 tons, Black Hawk, Rotterdam
COTTONSEED — 39 dms, Agash Refining Corp, Rosario, San Juan
1 dm, Zimmerman-Alderson-Carr Co, Samaria, Liverpool
CRUDE—100 dms, Texas Co, Medea, Maracaibo
DILL—3 cns, A M Schmid & Co, Manhattan, Hamburg
ESSENTIAL—3 cs, 1 dm, American Trader, London
5 cs, De Grasse, Havre
1 dm, Pipestone County, Havre
27 cs, Normandie, Havre
FISH—12 dms, Mitsui & Co, Nako, Yokohama
FISH LIVER—178 dms, Vitamerican, Inc, Kosei, Yokohama
53 dms, Vitamerican, Inc, Nako, Yokohama
98 dms, Vitamerican, Inc, Marchen Maersk, Yokohama
FUEL—78,105 bbls, Asiatic Petroleum Corp, Mamura, Curacao
76,600 bbls, Standard Oil Co of N J, H M Flagler, Aruba
96,000 bbls, Standard Oil Co of N J, Esso Bolivar, Aruba
95,000 bbls, Standard Oil Co of N J, Esso Aruba, Aruba
65,000 bbls, Standard Oil Co of N J, Paul H Harwood, Aruba
112,000 bbls, Standard Oil Co of N J, Standard, Aruba
109,800 bbls, Standard Oil Co of N J, J A Mowinckel, Aruba

OIL, FUSEL—15 dms, C P Chemical Solvents, Manuela, San Juan
GERANIUM—1 dm, Naugatuck Aromatics, Excello, Algiers
5 dms, Excello, Algiers
22 dms, Silverwalnut, Pointe des Galets
HO—10 dms, Norda Essential Oil & Chemical Co, Marchen Maersk, Kobe
LIME—9 cs, Ingrid, Grenada
17 dms, Fritzsche Bros, Southern Prince, Port Spain
12 dms, Dodge & Olcott Co, Southern Prince, Port Spain
LUBRICATING—20 dms, Shell Union Oil Co, American Trader, London
25 dms, Gerolstein, Antwerp
1 cs, Bowring & Co, Port Townshend, St Johns
OLIVE—200 dms, Smith, Weihman Co, Elin K, Piraeus
50 cs, Elin K, Seville
135 dms, Excello, Algiers
100 cs, Exmoor, Seville
100 cs, Conte Di Savoia, Genoa
ORANGE—3 dms, New Toronto, Conakry
10 cs, Geo Lueders & Co, Talamanca, Kingston
PALM—63 dms, Balfour, Guthrie & Co, New Toronto, Abonema
121 dms, Balfour, Guthrie & Co, New Toronto, Burutu
38 dms, 26 cks, Balfour, Guthrie & Co, New Toronto, Freetown
60 dms, Welch, Holme & Clark, Samaria, Liverpool
100 dms, Robert Maersk, Rotterdam
PERILLA—349 tons, Mitsui & Co, Tosan, Tientsin
ROSE—1 cs, Aquitania, Southampton
ROSEWOOD—1 dm, Yardley & Co, American Trader, London
SASSAFRAS—25 dms, Orbis Prod Corp, Marchen Maersk, Kobe
23 dms, Norda Essential Oil & Chem Co, Marchen Maersk, Kobe
23 dms, C Fischbeck Co, Marchen Maersk, Kobe
SYNTHETIC—42 cs, Lo Curto & Funk, Robert Maersk, Rotterdam
TEASEED—107 dms, Marchen Maersk, Hongkong
VEGETABLE—50 dms, Arkansas Co, Marchen Maersk, Hongkong
OPIUM—4 cs, Sharpe & Dohme, Excello, Istanbul
ORANGE PEEL—25 bgs, Transmarine Merc Corp, Santa Rosa, Cape Haitien
PAINT, SMALTS—10 bbls, W J Honan, Manhattan, Hamburg
PALMKERNELS—6,054 bgs, J H Redding, New Toronto, Conakry
PAPAIN—11 cs, McKesson & Robbins, Silverwalnut, Colombo
PAPRIKA—100 bgs, Knickerbocker Mills Co, Manhattan, Hamburg
PARAFFIN—2 dms, Standard Oil Co of N J, Black Hawk, Rotterdam
PATCHOULI LEAVES—68 bls, W J Bush & Co, Silverwalnut, Penang
PEATMOSS—300 bls, Premier Peatmoss Corp, Manhattan, Hamburg
2,800 bls, Deutschland, Bremen
PEPPER, BLACK—1,000 bgs, Bank of N Y Trust Co, Silverwalnut, Oosthaven
243 bgs, Irving Trust Co, Silverwalnut, Oosthaven
PERFUMERY SYN—4 cs, Firmenich & Co, Deutschland, Hamburg
PETROLATUM—4 cs, Concentrate Mfg Corp, Normandie, Havre
PETROLEUM, CRUDE—81,662 bbls, Gulf Oil Corp, Adellen, Las Piedras
REFINED—50 dms, 22,000 lbs, R F Cruickshank Corp, Deutschland, Hamburg
POPPYSEED—150 bgs, Levy & Levis Co, Statendam, Rotterdam
100 bgs, 11,000 lbs, American Bluefrisveen, Statendam, Rotterdam
100 bgs, 11,000 lbs, M Witsenburg, Statendam, Rotterdam
350 bgs, 38,500 lbs, C M Van Sillevoldt, Statendam, Rotterdam
POTASH, CARBONATE — 33 cks, Innis, Speiden & Co, Deutschland, Hamburg
CAUSTIC—130 dms, American Cyanamid & Chem Co, Deutschland, Hamburg
CHLORATE—1,000 dms, 239,800 lbs, J H Schroeder Banking Corp, Deutschland, Hamburg
150 dms, C Hardy, Henri Jaspar, Antwerp
METABISULPHITE—100 cks, 11,635 lbs, Pipestone County, Havre
SALT—15 kgs, American Trader, London
SULPHATE—200 bgs, N V Potash Export My, Manhattan, Hamburg
PYRETHRUM FLOWERS—200 bbls, Challenger, Mombasa
QUASSIA CHIPS—74 bgs, R J Prentiss & Co, Talamanca, Kingston
QUEBRACHO EXTRACT—500 bgs, 1 tin, International Product Corp, Southern Prince, Buenos Aires
1,084 bgs, Tannin Corp, Southern Prince, Buenos Aires
QUICKSILVER—25 flks, Chase National Bank, Siboney, Vera Cruz
RADIUM—2 cs, Radium Chem Co, Henri Jaspar, Antwerp
RAPESEED—337 bgs, Southern Prince, Buenos Aires
RESIN—1 cs, Concentrate Mfg Corp, Normandie, Havre
ROSE LEAVES—100 bls, 6,600 lbs, Exmoor, Casablanca
ROSIN—2 cs, L D Seville, Santa Inez, Callao
SAGO FLOUR—748 bgs, Stein, Hall & Co, Silverwalnut, Singapore
SEEDS, MEDICINAL—10 cs, S B Penick & Co, American Trader, London
SENNA LEAVES—12 bls, Unicol, Port Sudan
SESAME SEED—1,044 bgs, Unicol, Port Sudan
60 bgs, Philadelphia National Bank, Marchen Maersk, Shanghai
SHELLAC — 11 cs, Interstate Flooring Co, Deutschland, Bremen
100 bgs, Unicol, Calcutta
50 bgs, A Hurst & Co, Machardo, Calcutta
400 bgs, Guaranty Trust Co, Machardo, Calcutta
551 bgs, Wm Zinsser & Co, Machardo, Calcutta
200 bgs, Brown Bros, Harriman Co, Machardo, Calcutta
150 bgs, Ralli Bros, Machardo, Calcutta
300 bgs, Machardo, Calcutta

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SHELLAC, GARNET LAC—100 bgs, E E Androvette, Machardo, Calcutta
SEEDLAC—400 bgs, Unicol, Calcutta
300 bgs, Philadelphia National Bank, Machardo, Calcutta
300 bgs, Ralli Bros, Machardo, Calcutta
2,050 bge, Guaranty Trust Co, Machardo, Calcutta
500 bgs, Wm Zinsser & Co, Machardo, Calcutta
500 bgs, Marchardo, Calcutta
SOAP—25 cs, J E Bernard & Co, American Trader, London
BASE—47 cs, Yardley & Co, American Trader, London
SADDLE—2 cs, American Trader, London
3 cs, Rohner, Gehrig & Co, Samaria, Liverpool
SOFT—15 kgs, 25 bbls, Statendam, Rotterdam
TOILET—1 cs, Balfour, Guthrie & Co, American Trader, London
SODA CYANIDE—750 dms, 179,597 lbs, American Cyanamid & Chem Co, Deutschland, Hamburg
HYDROSULPHITE — 40 dms, 9,504 lbs, Deutschland, Hamburg
25 kgs, 2 tons, 14 cwts, 2 qtrs, 21 lbs, Philipp Bros, Samaria, Liverpool
SILICOFLUORIDE—50 bbls, 14,850 lbs, Hummel Chem Co, Deutschland, Hamburg
SULPHATE—25 cks, 2,206 bgs, Advance Solvents & Chem Co, Gerolstein, Antwerp
URANATE, YELLOW—50 dms, Central Trading Corp, Gerolstein, Antwerp
SOLVENTS—200 dms, C P Chemical Solvents, Manuela, San Juan
SPONGES—9 bls, J H Rhodes & Co, Siboney, Vera Cruz
12 bls, Siboney, Vera Cruz
REFUSE—10 bls, Siboney, Vera Cruz
TALC—300 bgs, 896 paper bgs, Chase Natl Bank, Nako, Dairen
TANKAGE—1,750 bgs, Swift & Co, Southern Prince, Montevideo
TAPIOCA FLOUR—500 bgs, Stein, Hall & Co, Silverwalnut, Batavia
TARTAR, CRUDE—1,875 bgs, Charles Pfizer & Co, Excello, Algiers
2,440 bgs, Charles Pfizer & Co, Excello, Oran
25 bgs, Standard Brands, Exmoor, Casablanca
TIMBO ROOT, POWD—100 bgs, Guaranty Trust Co, American Trader, London
TONKA BEANS—1 cs, 7 kegs, Meyer & Co, Santa Rosa, Puerto Cabello
TURMERIC—138 bgs, H P Winter & Co, Medea, Curacao
URANIUM OXIDE, BLACK—60 dms, Central Trading Corp, Gerolstein, Antwerp
VANILLA BEANS—5 cs, F Huber & Co, Siboney, Vera Cruz
14 cs, Dodge & Olcott Co, Siboney, Vera Cruz
4 cs, Thurston & Braidich, Siboney, Vera Cruz
10 cs, Normandie, Havre
VARNISH—1 cs, International Printing Ink Corp, American Trader, London
LITHOGRAPHIC—5 bbls, General Printing Ink Corp, Black Hawk, Rotterdam
WATER, MINERAL—25 cs, Olaf Hertzvig, Drottninghoim, Gothenburg
18 cs, Aquitania, Southampton
60 cs, West Cusseta, Havre
WATTLE BARK—2,856 bls, Hammond & Carpenter, Challenger, Durban
1,100 bls, Challenger, Mombasa
WAX, BEES — 120 blocks, New Toronto, Conakry
4 bgs, Curacao Trading Co, Medea, Curacao
5 bgs, Medea, Curacao
125 pkgs, J W Elwell & Co, Exmoor, Lisbon
3 seroons, Porcella, Vicini & Co, Almena, Trujillo
10 seroons, 8 bgs, Porcella, Vicini & Co, Almena, Puerto Plata
MINERAL—50 bgs, American Trader, London
5 bgs, General Dyestuff Corp, Statendam, Rotterdam
MONTAN—236 bgs, Strohmeyer & Arpe Co, Deutschland, Hamburg
OZOKERITE—3 pkgs, J E Bernard & Co, Deutschland, Hamburg
128 bgs, 11,000 lbs, Pipestone County, Havre
257 bgs, Pilsudski, Gdynia
VEGETABLE—20 cs, H H Rosenthal Co, Tosan, Moji
WHEAT FLOUR—10 dms, Archibald Currie, Samaria, Liverpool
WHITING—2,000 bgs, Henri Jaspar, Antwerp
WINE LEES—158 bgs, Standard Brands, Exmoor, Casablanca
WOODFLOUR—500 bgs, 44,000 lbs, Deutschland, Hamburg
YEAST—150 bbls, 19,800 lbs, Deutschland, Hamburg
90 bbls, Vulkan Yeast Co, Deutschland, Hamburg
200 bgs, Vegex, Inc, Deutschland, Hamburg
20 bbls, Dal Co, Pilsudski, Gdynia
MEDICINAL—46 cs, 6,754 lbs, Lo Curto & Funk, Deutschland, Bremen

New York Transit Imports

BLANC FIXE—40 cks, Holland American Line, Statendam, Rotterdam, Rochester
BRONZE POWDER—7 dms, Europa, Bremen, St Louis
CHEMICALS—353 bgs, 44,033 lbs, Deutschland, Hamburg, Cleveland
1 cs, A Hoffman & Co, American Trader, London, Providence
1 cs, Southern International Despatch, American Trader, London, Chicago
30 cs, Mallinckrodt Chemical Works, Drottninghoim, Gothenburg, St Louis
GINGER ROOT—100 bgs, Talamanca, Kingston, Cincinnati
GYPSUM ROCK—1,850 tons, National Gypsum Co, Keret, Dingwall, Buffalo
OIL, CODLIVER—1 cs, W A Price, Port Townshend, St John's, Cleveland
COCONUT—835 tons, Spencer Kellogg & Sons, Marchen Maersk, Manila, Buffalo
SABADILLA SEED—50 bgs, Allaire, Woodward & Co, Santa Rosa, Curacao, Peoria
SPONGES—10 bls, Oriente, Havana, London
3 bls, Siboney, Vera Cruz, Boston
10 bls, Siboney, Vera Cruz, Philadelphia
VANILLA BEANS—22 cs, M Cortizas Co, De Grasse, Havre, Philadelphia
YEAST, BAKERS—11 dms, J E Bernard & Co, Manhattan, Hamburg, Chicago

Baltimore Imports

ASBESTOS—7,804 bgs, Quebec City, Poti
10,017 bgs, Kim, Leningrad
CALCIUM SILICIDE — 1,532 bbls, Tampa, Sauda
CHROME ORE—1,000 tons, Robin Gray, Beira
4,233 tons, E J Lavino, Robin Gray, Lourenco Marques
3,700 tons, Bethlehem Steel Co, Danio, Nuevitas
CHROMIUM METAL—23 bbls, Tampa, Sauda
ENAMEL PORCELAIN FRIT—3 bgs, Porcelain Enamel Manufacturing Co, Tampa, Greaker
FERROMANGANESE—1,661 dms, 606 bbls, Tampa, Sauda
200 tons, Tampa, Skiensfjord
FLUORSPAR—46 tons, General Chemical Co, Robin Gray, Capetown
GLYCERIN SAPONIFICATION — 545 dms, Kim, Leningrad
IRON ORE—21,500 tons, Bethlehem Steel Co, Bethore, Cruz Grande
2,800 tons, Scotia, Rio de Janeiro
KYANITE ORE—30 tons, City of Birmingham, Calcutta
MANGANESE ORE—45 tons, Scotia, Rio de Janeiro
7,650 tons, Quebec City, Poti
MONAZITE SAND—3,200 bgs, City of Birmingham, Calcutta
PETROLEUM, CRUDE—68,545 bbls, Standard Oil Co of N J, Joseph Seep, Las Piedras
PYRITES—8,625 tons, Llandoff, Huelva
TALC—850 bgs, Collamer, Bordeaux
TUBA ROOTS—20 bls, Kiyosumi, Singapore
TURMERIC—160 bgs, City of Birmingham, Alleppey
ZIRCONIUM—100 bbls, Tampa, Sauda

Boston Imports

ACID, CRESYLIC—25 dms, 5 tons, 19 cwt, 26 lbs, Samaria, Liverpool
STEARIC—30 bgs, 2 tons, 6 cwt, 2 qtrs, 5 lbs, Samaria, Liverpool
AMMONIAC, SAL—20 csks, 6,173 lbs, Kellerwald, Hamburg
BARYTES — 440 bgs, 22,046 lbs, Barbarigo, Genoa
BLUE, ULTRAMARINE—2 cks, 5 cwt, 1 qtr, 21 lbs, Arkwright Finishing Co, Samaria, Liverpool
BONES—149,740 lbs, Swift & Co, The Angeles, Montevideo
CADMIUM—1 cs, 241 lbs, American Express Co, Waukegan, Hamburg
CARAWAY SEED—50 bgs, 5,511 lbs, J Sklar & Co, Black Eagle, Rotterdam
25 bgs, 2,756 lbs, D & L Slade Co, Black Eagle, Rotterdam
40 bgs, 4,409 lbs, Boston Brokerage Co, Black Eagle, Rotterdam
CEMENT, LEATHER—1 cs, Atkinson Haserick Co, Samaria, Liverpool
CHEMICALS—300 bgs, 30,556 lbs, Black Eagle, Rotterdam
25 bbls, 11,960 lbs, Industrial Sales Corp, Black Eagle, Antwerp
250 bgs, 50,000 lbs, Black Eagle, Antwerp
COALTAR DISTILLATE—10 dms, Monsanto Chemical Co, Samaria, Liverpool
DEXTRIN, POTATO — 100 bgs, 22,046 lbs, Stein, Hall & Co, Black Eagle, Rotterdam
EPSOM SALT—150 bgs, 330,690 lbs, Kellerwald, Bremen
FISH LIVERS—1 cs, J A Rich Co, Yarmouth, Yarmouth
120 tins, Asano Bussan Co, Kunikawa, Yokohama
2 cs, Joseph A Rich Co, Saint John, Yarmouth
27 cs, from Nova Scotia
GAMBIER, BLOCK—113 cs, Chase National Bank, Silverwalnut, Singapore
CUBE—70 bgs, Silverwalnut, Singapore
GELATIN, POWD—340 bgs, 38,228 lbs, Rob D McLellan, Black Eagle, Rotterdam
GLASS, PLATE—10 cs, 34,061 lbs, L Solomon & Son, Black Eagle, Antwerp
WINDOW—768 cs, 64,802 lbs, Boston Supply Co, Black Eagle, Antwerp
GLAUBER'S SALT—205 bgs, 45,194 lbs, Irving M Sobin Co, Kellerwald, Hamburg
GLUESTOCK—53 bgs, 11,350 lbs, E Butterworth & Co, Black Eagle, Antwerp
FISH—15 bxs, J R Poole Co, Yarmouth, Yarmouth
33 bxs, J R Poole Co, Evangeline, Yarmouth
57 bxs, J R Poole Co, Saint John, Yarmouth
HIDE—182 bgs, American Express Co, Newfoundland, Liverpool
130 bgs, Newfoundland, Liverpool
GYPSUM, CRUDE—5,300 tons, U S Gypsum Co, Gypsum Queen, Windsor, N S
METAL DUST—40 double bbls, 23,457 lbs, Industrial Sales Corp, Black Eagle, Antwerp
MICA SPLITTINGS—85 cs, Macharda, Calcutta
MUSTARD SEED—150 bgs, 33,069 lbs, Stickney & Poor Spice Co, Black Eagle, Rotterdam
OIL, COCONUT—2,028 tons, Philippine Refining Corp, Silverwalnut, Cebu
COD—86 csks, White & Hodges, Newfoundland, St John's N F
12 dms, from Newfoundland
CODLIVER—4 dms, from Newfoundland
FISHLIVER—11 dms, Atlantic Coast Fisheries Export Corp, Kunikawa, Yokohama
FUEL—24,500 bbls, 1,029,000 gls, Colonial Beacon Oil Co, I C White, Aruba
OSSEIN—1,000 bgs, 101,764 lbs, Atlantic Gelatin Co, Black Eagle, Antwerp
1,000 bgs, 111,993 lbs, Black Eagle, Antwerp
500 bgs, 55,997 lbs, J O Whitten Co, Black Eagle, Antwerp
PEANUTS—600 bgs, Watt & Scott Ltd, Kunikawa, Dairen
PEATMOSS—800 bls, 122,664 lbs, Halfmoon Mfg Trading Co, Black Eagle, Rotterdam
PEPPER, WHITE—32 bgs, ntfy, Catz American Co, Kunikawa, Kobe
PETROLEUM, CRUDE—47,030 bbls, 7,080 tons, Colonial Beacon Oil Co, I C White, Las Piedras
POPPYSEED—60 bgs, 6,614 lbs, Boston Brokerage Co, Black Eagle, Rotterdam
QUEBRACHO EXTRACT — 2,446 bgs, 268,278 lbs, American Tanners, The Angeles, Buenos Aires
1,072 bgs, 114,622 lbs, Tannin Corp, The Angeles, Buenos Aires
SAWDUST — 647 bgs, 70,283 lbs, State Chemical Co, Black Eagle, Rotterdam
SHELLAC — 100 bgs, Chase National Bank, Machardo, Calcutta
130 bgs, J Henry Schroeder Banking Corp, Machardo, Calcutta
BUTTON LAC — 5 bgs, Chase National Bank, Machardo, Calcutta
SEEDLAC — 100 bgs, Machardo, Calcutta
SOAP, TOILET — 3 cs, Lever Bros, Samaria, Liverpool
SODA, HYDROSULPHITE — 20 pkgs, 1 ton, 2 cwt, 16 lbs, Lever Bros, Samaria, Liverpool
STARCH, POTATO — 100 bgs, 22,046 lbs, Arnold Hoffman & Co, Black Eagle, Rotterdam
TALC — 200 bgs, 44,092 lbs, Charles Mathieu, Barbarigo, Genoa
TANKAGE — 1,020 bgs, 112,037 lbs, Charles Hollinshed & Co, The Angeles, Montevideo
WATER, MINERAL — 25 cs, S S Pierce Co, Waukegan, London

Boston Transit Imports

CHEMICALS — 1 cs, Federal Enameling & Stamping Co, Samaria, Liverpool, for Pittsburgh, Pa
SOAP, TOILET — 5 cs, American Express Co, Samaria, Liverpool, for Providence

Galveston Imports

CREOSOTE — 2,000 tons, Carina, Curacao

Gloucester Imports

OIL, COD — 2,835 gls, from Magdalene Islands

Houston Imports

CHEMICALS — 90 bbls, Binnendijk, Rotterdam
GLASS, WINDOW — 6 cs, Binnendijk, Antwerp

Los Angeles Imports

AMMONIA PHOSPHATE—239,680 lbs, Rosebank, Trail
ANDRIOBA KERNELS—212,790 lbs, Brandanger, Para
ANTIMONY ORE—85,000 lbs, from Mexico
CHEMICAL COMPOUND—1,110 lbs, Nako, Yokohama
COLORS, CERAMIC — 250 lbs, Parthenia, Birmingham
COPRA—5,409,600 lbs, Dagmar Salen, Philippine Islands
1,120,000 lbs, Lagmar Salen, Manila
MEAL—750,000 lbs, Hoegh Silverstar, Manila
1,390,000 lbs, Lagmar Salen, Manila
86,310 lbs, Anubis, Cebu
COTTON LINTERS—244 bls, 102,680 lbs, Curaca, Matamoros
DRUGS, CRUDE—480 lbs, Chichibu, Osaka
FERTILIZER, SOOT—2,240 lbs, Parthenia, Glasgow
FLEASEED—11,200 lbs, Hoegh Silverstar, Amristar
GLASS, SHEET—7,540 lbs, Parthenia, Birmingham
WINDOW—15,510 lbs, Wyoming, Brussels
GUM, INDUSTRIAL — 4,480 lbs, President Adams, Milan
IRON OXIDE—8,500 lbs, Parthenia, Manchester
MEDICINAL PREPS—1,020 lbs, Taiyo, Yokohama
180 lbs, Tosan, Yokohama
OIL, OLIVE—3,210 lbs, President Adams, Marseilles
51,320 lbs, President Adams, Genoa
TEASEED — 369,600 lbs, Dagmar Salen, Hongkong
40,920 lbs, Marchen Maersk, Hongkong
VETIVER—220 lbs, President Adams, Marseilles
WALNUT — 35,760 lbs, Taiyo, Tientsin
PAPRIKA — 2,750 lbs, from Budapest
PEPPER, BLACK — 90 lbs, Damsterdijk, London
PIMENTOS — 7,440 lbs, San Angelo, Kingston
QUEBRACHO EXTRACT — 32,070 lbs, Brandanger, Buenos Aires
RICE FLOUR — 730 lbs, Kosei, Kobe
SEAWEED — 250 lbs, Tosan, Yokohama
TAPIOCA FLOUR — 11,270 lbs, Hoegh Silverstar, Sourabaya
THYME LEAVES — 2,210 lbs, President Adams, Marseilles
TOILET PREPS — 60 lbs, Tosan, Yokohama
WATER, MINERAL — 20 lbs, Parthenia, London
WAX, MINERAL, REFD — 56,070 lbs, Hoegh Silverstar, Batavia
ZINC OXIDE, POWD — 4,410 lbs, President Adams, Marseilles

Mobile Imports

BAUXITE ORE, CRUSHED AND DRIED — 2,297 tons, Janna, Paramaribo

New Orleans Imports

BAUXITE ORE—3,035 tons, Republic Mining & Mfg Co, Bennestvet, Paramaribo
957 tons, Republic Mining & Mfg Co, Bennestvet, Port of Spain
2,280 tons, Republic Mining & Mfg Co, Dalvangen, Paramaribo
520 tons, Republic Mining & Mfg Co, Dalvangen, Port of Spain
COCOA BEANS—1,000 sx, Fruit Dispatch Co, Santa Marta, Bocas del Toro
COCONUTS — 50 sx, Weinberger Sales Co, Gansfjord, Kingston
150 sx, Gansfjord, Belize
CREOSOTE—2,500 tons, Carina, Salzaette
OIL, COCONUT—1,150 tons, Keiyo, Manila
CREOSOTE—2,024 tons, Bernuth Lembcke & Co, Gustav E Reuter, Amsterdam
ESSENTIAL—11 dms, Ulua, Puerto Barrios

Norfolk Imports

BONE MEAL—2,200 bgs, Alberta, Fiume
COALTAR, DEAD OIL—1,601 tons, Bernuth Lembcke Co, Thorov, Sunderland, Eng
1,823 tons, Bernuth H Lembcke Co, Thorpy, Middlesbroughn
GYPSUM ROCK — 1,850 tons, F S Reyster Guano Co, Evviva, Walton
LEATHER WASTE—677 bgs, 59,556 lbs, McKeesport, London
MANGANESE ORE—8,800 tons, E J Lavino & Co, Baron Maclay, Vizagapatam, India
8,400 tons, E J Lavino & Co, Daleby, Takoradi, British West Africa
OIL, FUEL—1,386,000 gallons, Standard Oil Company of N J, H H Rogers, Aruba

Philadelphia Imports

ACID, CRESYLIC—50 dms, Manchester Exporter, Manchester
35 dms, Quaker City, Manchester
BONE SINEWS—1,342 bls, David Sassoon & Co, Wales, Karachi
CHROME ORE—2,000 tons, Danio, Pasteillio
COALTAR DISTILLATE—15 dms, Monsanto Chemical Co, Manchester Exporter, Manchester
CORK, DISCS—34 bls, Crown Cork & Seal Co, Exermont, Palermo
VIRGIN—100 bls, Armstrong Cork Co, Nicolo Odero, Faro
WASTE—1,037 bls, Armstrong Cork Co, Exermont, Seville
4,502 bls, Armstrong Cork Co, Nicolo Odero, Faro
15,048 bls, Armstrong Cork Co, Nicolo Odero, Lisbon
396 bls, Armstrong Cork Co, Nicolo Odero, Faro
5,105 bls, Armstrong Cork Co, Nicolo Odero, Lisbon
WOOD—92 bls, Armstrong Cork Co, Exermont, Seville
164 bls, Armstrong Cork Co, Nicolo Odero, Faro
58 bls, Armstrong Cork Co, Nicolo Odero, Lisbon
CRYOLITE—2,900 tons, Penna Salt Mfg Co, Borgfred, Ivigtut
CUTTLEFISH BONES—75 bxs, Collamer, Bordeaux
DILLSEED—91 bgs, Wales, Bombay
FILTER PAPER—4 cs, Wm H Mason, Pipestone County, Havre
FULLER'S EARTH—100 bgs, L A Salomon & Bro, Liberty, London
GLASS, SHEET—4 bxs, Arthur H Thomas Co, Quaker City, Liverpool
GLUESTOCK—500 bls, Wales, Karachi
GLYCERIN—134 dms, The Angeles, Buenos Aires
189 dms, The Angeles, Montevideo
GYPSUM, CRUDE—5,100 tons, U S Gypsum Co, Gypsum Prince, Windsor
IRON ORE—1 cs, samples, Magguire, Inc, Manchester Exporter, Manchester

MENTHOL—100 cs, Vick Chemical Co, Noto, Otaru via Kobe
MOLASSES—682,349 gals, Catahoule, Tanamo 712,718 gals, Catahoula, Cienfuegos 1,334,475 gals, Carrabulle, Puerto Tarafa
MOSS, NATURAL—4 cs, Rice Bayerdorfer Co, Pipestone County, Havre
MYROBALANS, CRUSHED—1,600 bgs, Guaranty Trust Co, Wales, Bombay
OIL, COTTONSEED—334 dms, The Angeles, Santos
LUBRICATING, WHITE—148 dms, Quaker City, Liverpool
OLIVE—6 cs, Exermont, Palermo 655 cs, Exmouth, Leghorn 220 cs, Exmouth, Genoa
PETROLEUM, CRUDE—93,477 bbls, Atlantic Refining Corp, Permian, Las Piedras 109,491 bbls, Gulf Oil Corp, Gulfwing, Las Piedras 106,827 bbls, Gulf Oil Corp, Gulfbird, Las Piedras
PYRITES ORE—8,400 tons, Imperial Monarch, Huelva
RAPESEED—312 bgs, Irving R Boody & Co, Otaru via Kobe
SESAME SEED—200 bgs, Wales, Bombay
SIENNA—6 bbls, Exmouth, Leghorn
SYRUP—30 cs, Collamer, Bordeaux
TALC—300 bgs, Whittaker, Clark & Daniels, Collamer, Bordeaux

San Francisco Imports

ACID, FATTY — 60 sks, Mitsubishi Shoji Kaisha, Florida, Yokohama
ALBUMEN, EGG, DUCK — 56 cs, Henningsen Bros, President Pierce, Hongkong
ALCOHOL, ETHYL — 2 dms, Maliko, Honolulu
ALKALI — 3 cs, Kwong Yick, President Pierce, Hongkong
BRISTLES — 30 cs, H Rosenhirsch Co, President Pierce, Hongkong
CHEMICALS — 300 dms, Tosei, Yokohama 7 cs, Golden Cross, Honolulu
COCOA BEANS — 100 sks, H M Newhall & Co, President Pierce, Hongkong
COCONUT, DESIC — 315 cs, J E Lowden, President Pierce, Manila 225 cs, M S Cowen Co, President Pierce, Manila 2,625 cs, Wood & Selick, President Pierce, Manila 1,486 cs, Durkee Famous Foods, President Pierce, Manila 7,600 cs, General Foods Sales Corp, President Pierce, Manila 860 cs, Philippine Desiccated Coconut Corp, President Pierce, Manila 272 cs, Dodwell & Co, President Pierce, Manila
COCONUTS — 50 sks, Otis McAllister & Co, San Anselmo, Cristobal
COPRA — 577 tons, El Dorado Oil Works, Ell, Hondagua (for Oakland) 817 tons, El Dorado Oil Works, Ell, Mauban (for Oakland) 1,252 tons, El Dorado Oil Works, Ell, Gubat (for Oakland) 250 tons, El Dorado Oil Works, Ell, Catanauan (for Oakland)
COPRA—1,911 tons, El Dorado Oil Works, Ell, Cebu (for Oakland) 420 tons, Admiral Halstead, Gasan 468 tons, Admiral Halstead, Tacloban
DENTIFRICE — 2 cs, North American Mercantile Co, Tatuta, Yokohama
EPHEDRA — 191 bls, Chemical Bank & Trust Co, Terukawa, Kobe
GINGER ROOT — 71 cs, President Pierce, Hongkong 10 tubs, Taiyo, Yokohama 10 tubs, Fujimoto Shoten, Tosei, Yokohama
GUM COPAL — 200 sks, Stroock & Wittenberg, President Pierce, Manila
HEMPSEED MEAL — 1,500 sks, Taylor Milling Corp, Tosei, Kobe
HERB — 1 cs, North American Mercantile Co, Taiyo, Yokohama
INK — 1 cs, Hinomoto Co, Taiyo, Yokohama
INSECTICIDE — 1 cs, Japan Seed Co, Terukawa, Yokohama
ISINGLASS — 10 bls, S Ishimtsu Co, Tatuta, Kobe
KAVA KAVA — 16 sks, Manulani, Hilo
LOOFAHS — 1 cs, Mutual Supply Co, Tosei, Yokohama
MARGARIN, VEGETABLE — 500 tins, 500 cs, David B Berelson, President Pierce, Manila
MEDICINAL PREPS — 3 cs, Fung Chong, President Pierce, Hongkong 32 pkgs, Man Fook Hong, President Pierce, Hongkong 2 cs, Tai Loy & Co, President Pierce, Hongkong 6 cs, Chong Kee Chan, President Pierce, Hongkong 73 pkgs, Chan Ning Tong, President Pierce, Hongkong 25 pkgs, Chun Wo Tong, President Pierce, Hongkong 1 cs, Hinomoto Co, Taiyo, Yokohama 1 cs, North American Mercantile Co, Taiyo, Yokohama 1 cs, Tatuta, Yokohama 2 cs, North American Mercantile Co, Tatuta, Yokohama
MOLASSES—1,010 tons, Maliko, Honolulu
PEANUTS, SHELLED—250 sks, M S Cowen Co, President Pierce, Manila 225 sks, Wilbur-Ellis Co, President Pierce, Manila 300 sks, President Pierce, Manila
POTASH CHLORATE — 1,000 cs, Uniform Chemical Products, Tosei, Yokohama
SESAME SEED—100 sks, S L Jones & Co, President Pierce, Hongkong 56 sks, President Pierce, Hongkong 56 sks, Knickerbocker Mills, President Pierce, Hongkong
TALLOW—1 bbl, Golden Cross, Hilo 18 bbls, Maliko, Kahului
TI ROOT—Quantity, S B Penick & Co, Maliko, Hilo
TOILET PREPS—1 cs, Mutual Supply Co, Tosei, Kobe 1 cs, Mutual Supply Co, Tosei, Yokohama 2 cs, Tatuta, Yokohama 6 cs, North American Mercantile Co, Tatuta, Yokohama

Tampa Imports

SOAP AND PERFUMERY—1 cs, Cuba, Havana

Exports from U.S. Ports

New York Exports
Clearance Dates

Abangarez, June 2; American Shipper, June 24; American Trader, June 17; Asosan, June 27; Black Condor, June 30; Black Falcon, June 25; Borinquen, June 24; Buenaventura, June 21; Cadmus, June 25; Cameronia, June 29; Capillo, June 10; City of Bedford, June 17; City of Florence, June 27; Cities Service Ohio, June 28; Coamo, June 16; Extavia, June 22; Europa, June 21; Frida, June 11; General Gassouin, June 28; Gunvor, June 24; Henri Jasper, June 20; Ile France, June 22; Independence Hall, June 30; Jean Jadot, June 20; Keiyo, June 24; Laconia, June 10; Loch Dee, June 17; Musa, June 3; New Brunswick, June 11; Nordfarer, June 24; Queen Mary, June 22; Oil Transfer, July 1; Pennland, June 24; President Roosevelt, June 22; Rydboholm, June 24; Samaria, June 17; Sandown Castle, June 25; Santa Rosa, June 23; Scanstates, June 24; Statendam, June 24; Uyo, June 25; Vulcania, June 25

ACETIC ANHYDRIDE—68,640 lbs, Jean Jadot, Antwerp
ACETONE—5,820 lbs, Scanstates, Helsingfors
ACID ACETIC GLACIAL—5,568 lbs, Vulcania, Trieste
MURIATIC—11,080 lbs, Santa Barbara, Antofagasta; 14,800 lbs, Musa, Tela; 1,865 lbs, Frida, Buenaventura; 38,460 lbs, Buenaventura, Porto Colombia
SULPHURIC—4,400 lbs, Santa Barbara, Panama
ALCOHOL, BUTYL — 220 gls, Scanstates, Malmo
ISOPROPYL—842 lbs, Scanstates, Gothenburg
AMMONIA, ANHYDR—2,699 lbs, Buenaventura, Buenaventura; 29,114 lbs, New Brunswick, Marshall
AMYLENE DICHLORIDE—2,597 lbs, Independence Hall, Havre
ANTIMONY REGULUS—66,000 lbs, Asosan, Kobe
ASPHALT—13,260 lbs, City of Bedford, Manila; 11,573 lbs, American Shipper, Liverpool; (Extavia) 177,223 lbs, Salonica; 57,228 lbs, Piraeus; 22,157 lbs, Independence Hall, Havre; 30,444 lbs, Vulcania, Trieste
LIQUID—72,280 lbs, Extavia, Galatz; 11,347 lbs, American Shipper, Liverpool; 117,421 lbs, Independence Hall, Havre; 10,939 lbs, Statendam, Rotterdam
SOLID—53,179 lbs, Scythia, Liverpool
BARK—4,470 lbs, Rydboholm, Stockholm
BENZOL—2,750 gls, West Imboden, Buenos Aires
BLUE, ULTRAMARINE—1,296 lbs, Abangarez, Port Limon
VITRIOL—2,020 lbs, Abangarez, Guayaquil
VITRIOL CRYSTALS—314,824 lbs, Cadmus, Tela
BUTYL ACETATE—24,696 lbs, Black Falcon, Antwerp; 6,172 lbs, Scanstates, Malmo
CADMIUM SULPHIDE — 5,507 lbs, President Roosevelt, Hamburg
CARBON, SULPHIDE—6,000 lbs, Buenaventura, Porto Colombia
CHEMICALS — 8,396 lbs, American Trader, London; 1,014 lbs, American Shipper, Liverpool
CLAY — 22,400 lbs, Rydboholm, Gothenburg; 11,200 lbs, Statendam, Rotterdam
COALTAR, CRUDE—1,048,362 gls, Cities Service Ohio, Liverpool, British Columbia
COCOA BUTTER—4,697 lbs, Keiyo, Dairen
COLOR, DRY—1,120 lbs, Jean Jadot, Antofagasta
CORN, FLOUR—31,020 lbs, City of Bedford, Manila; 11,280 lbs, City of Florence, Aden; 6,000 lbs, Cameronia, Glasgow
SUGAR—1,000 lbs, Black Falcon, Rotterdam; 10,100 lbs, Pennland, Rotterdam
CORN SYRUP—990 lbs, City of Bedford, Cebu; 3,750 lbs, Sandown Castle, Port Elizabeth
DEXTRIN, CORN—8,460 lbs, City of Florence, Colombo
DIBUTYL PHTHALATE — 1,987 lbs, Scanstates, Gothenburg
DICHLORODIFLUOROMETHANE — 3,222 lbs, Black Falcon, Antwerp; 4,279 lbs, Loch Dee, Santos
DIETHYL SULPHATE—3,576 lbs, Black Falcon, Antwerp
DRUGS—1,191 lbs, American Trader, London
DYES—(Black Falcon) 1,217 lbs, Rotterdam; 24,345 lbs, Antwerp; 2,796 lbs, West Imboden, Rio de Janeiro; 19,879 lbs, Henri Jasper, Antwerp; 1,495 lbs, President Roosevelt, Hamburg; (Loch Dee) 1,819 lbs, Rio de Janeiro; 3,592 lbs, Buenos Aires; 2,482 lbs, Black Condor, Rotterdam; 35,906 lbs, Pennland, Antwerp; 634 lbs, Rydboholm, Gothenburg; (City of Florence) 35,262 lbs, Bombay; 12,285 lbs, Calcutta
FERTILIZER — 30,600 lbs, Abangarez, Port Limon; 223,990 lbs, Frida, Buenaventura
GASOLINE — 529,383 gls, Oil Transfer, Toronto
AVIATION — 124,080 gls, Uyo, Yokohama
GLASS, PLATE — 7,080 lbs, Abangarez, Port Limon
GLUCOSE — 675 lbs, Pennland, Antwerp
SOLID — 3,102 lbs, Santa Barbara, Guayaquil; 750 lbs, City of Florence, Cochin
GREASE, LUBRICATING — 12,531 lbs, Keiyo, Yokohama; 2,475 lbs, Jean Jadot, Antwerp; 17,269 lbs, West Imboden, Santos; (City of Bedford) 34,512 lbs, Manila; 10,880 lbs, Cebu; 98,960 lbs, Laconia, Liverpool; (President Roosevelt) 6,513 lbs, Hamburg; 2,713 lbs, Asniers; 77,659 lbs, Samaria, Liverpool; 8,771 lbs, Loch Dee, Rio Janeiro; 36,720 lbs, Capillo, Rio de Janeiro; 8,899 lbs, Abangarez; (Musa) 1,558 lbs, Porto Barrios; 3,790 lbs, Tela; (Frida) 13,123 lbs, Iquique; 69,442 lbs, Tocopilla; 3,444 lbs, Buenaventura, La Union; 1,404 lbs, Black Condor Amsterdam; 6,153 lbs, Cadmus, Tela; 8,579 lbs, American Trader, London; 1,506 lbs, New Brunswick, Las Palmas; 15,538 lbs, American Shipper, Liverpool; 4,640 lbs, Extavia, Piraeus; 24,680 lbs, Nordfarer, Rio de Janeiro; (City of Florence) 1,765 lbs, Bombay; 48,412 lbs, Rangoon; 8,648 lbs, Calcutta; (Independence Hall) 11,450 lbs, Havre; 4,588 lbs, Dunkirk; 206 lbs, Vulcania, Lisbon; 1,570 lbs, Cameronia, Glasgow; (Scanstates) 1,421 lbs, Gothenburg; 4,625 lbs, Riga; 10,837 lbs Stockholm; 2,400 lbs, Helsingfors; 44,462 lbs, Sandown Castle, Durban
GUM, MYRRH — 2,240 lbs, American Trader, London
SYNTHETIC — 18,260 lbs, American Shipper, Liverpool
INK, PRINTING — 41,122 lbs, Capillo, Buenos Aires
INSECTICIDE, AGRIC — 7,026 lbs, Keiyo, Kobe; 2,240 lbs, Black Condor, Amsterdam; 6,153 lbs, Cadmus, Tela; 15,480 lbs, American Trader, London
HOUSEHOLD — 6,581 lbs, Scanstates, Helsingfors
IRON OXIDE — 19,728 lbs, Laconia, Liverpool
KEROSENE—10,000 gls, Buenaventura, Port Prince
LARD—23,948 lbs, Jean Jadot, Antwerp; 15,375 lbs, Henri Jasper, Antwerp; (Coamo) 11,825 lbs, Ciudad; 12,410 lbs, San Juan; 76,552 lbs, Laconia, Liverpool; 143,715 lbs, Samaria, Liverpool; 3,950 lbs, Musa, Porto Barrios; 255,225 lbs, American Trader, London; (Pennland) 22,050 lbs, Southampton; 31,083 lbs, Antwerp; 130,313 lbs, American Shipper, Liverpool; 57,171 lbs, Queen Mary, Southampton; 18,900 lbs, Statendam, Rotterdam; 33,600 lbs, Borinquen, San Juan
LEAD, WHITE, SUBLIMED—24,640 lbs, Scanstates, Helsingfors
LINSEED CAKE—(Black Falcon) 2,356,824 lbs, Antwerp; 1,341,349 lbs, Rotterdam; 1,426,487 lbs, Henri Jasper, Antwerp; (Black Condor) 282,036 lbs, Rotterdam; 1,522,412 lbs, Antwerp; 1,134,333 lbs, Pennland, Southampton
MAGNESIA, METALLIC—(Asosan) 45,024 lbs, Yokohama; 178,500 lbs, Kobe
METHANOL—330 gls, Black Falcon, Rotterdam
MINERAL SPTS—1,650 gls, West Imboden, Buenos Aires
MOLYBDENUM CONCE—141,480 lbs, Black Condor, Rotterdam
NAPHTHA — (New Brunswick) 35,000 gls, Dakar; 2,120 gls, Bathurst; 10,000 gls, Conakry; 10,000 gls, Freetown; 25,500 gls, Sassandra
OIL, COALTAR—12,395 lbs, Pennland, Bilbao
COCONUT—25,039 lbs, Capillo, Buenos Aires
CORN—(Sandown Castle) 3,450 lbs, Capetown; 2,550 lbs, Lourenco Marques; 405 lbs, Gunvor, St Thomas
CREOSOTE—24,915 lbs, Santa Barbara, Corinto
CYLINDER—130 tons, General Gassouin, Antwerp
EDIBLE—6,300 lbs, Frida, Buenaventura
ESSENTIAL—1,173 lbs, American Trader, London
GAS—(New Brunswick) 2,750 gls, Port Bouet; 5,500 gls, Lome; 8,250 gls, Cotonou; 2,750 gls, Burutu; 2,750 gls, Warri; 5,500 gls, Koko; 5,500 gls, Sapele
LUBRICATING—1,485 gls, Havre; 6,950 gls, Scythia, Liverpool; (Keiyo) 11,570 gls, Yokohama; 1,750 gls, Dairen; 5,250 gls, Kobe; 7,140 gls, Black Falcon, Antwerp; (Jean Jadot) 3,875 gls, Antwerp; 5,500 gls, Brussels; (West Imboden) 12,755 gls, Santos; 2,805 gls, Buenos Aires; 660 gls, Henri Jasper, Antwerp; (City of Bedford) 22,695 gls, Manila; 4,700 gls, Cebu; (Santa Barbara) 2,750 gls, Talcahuano; 11,365 gls, Buenaventura; 4,125 gls, Callao; (Laconia) 1,705 gls, Calcutta; 7,260 gls, Liverpool; (President Roosevelt) 10,374 gls, Hamburg; 12,650 gls, Havre; 1,650 gls, Samaria, Liverpool; (Loch Dee) 9,070 gls, Rio de Janeiro; 3,570 gls, Santos; (Capillo) 39,421 gls, Rio de Janeiro; 4,510 gls, Montevideo; 5,225 gls, Abangarez, Porto Limon; 7,855 gls, Musa, Porto Barrios; (Frida) 1,705 gls, Buenaventura; 3,685 gls, Pisco; 3,685 gls, Mollendo; 3,960 gls, Iquique; 1,375 gls, Tocopilla; 3,025 gls, Valparaiso; 1,595 gls, Coquimbo; 3,050 gls, Puntarenas; 2,420 gls, San Antonio; 1,650 gls, Buenaventura, Corinto; (Santa Rosa) 1,650 gls, Porto Cabello; 26,180 gls, La Rosa; 3,300 gls, La Guaira; 7,098 gls, Cadmus, Tela; 11,080 gls, American Trader, London; (Pennland) 10,451 gls, Rotterdam; 4,125 gls, Orsoy; 1,650 gls, Brussels; 2,035 gls, Anvers; 3,685 gls, Antwerp; (New Brunswick) 550 gls, Las Palmas; 7,425 gls, Bathurst; 825 gls, Freetown; 3,025 gls, Takoradi; 1,375 gls, Ada; 5,500 gls, American Shipper, Liverpool; 14,355 gls, Nordfarer, Rio de Janeiro; (Extavia) 9,570 gls, Tunis; 8,635 gls, Piraeus; (Asosan) 25,300 gls, Yokohama; 13,750 gls, Kobe; 23,375 gls, Osaka; 16,500 gls, Moji; (City of Florence) 9,625 gls, Karachi; 7,700 gls, Bombay; 31,350 gls, Rangoon; 20,790 gls, Madras; 15,950 gls, Calcutta; (General Gassouin) 515 tons, Antwerp; 945 tons, France; 2,745 gls, Independence Hall, Dunkirk; (Rydboholm) 500 gls, Gothenburg; 2,035 gls, Malmo; 1,100 gls, Queen Mary, Southampton; 1,430 gls, Vulcania, Algiers; 7,385 gls, Cameronia, Glasgow; (Statendam) 54,890 gls, Rotterdam; 2,365 gls, Amsterdam; 1,200 gls, Bourgas; (Scanstates) 440 gls, Gothenburg; 4,840 gls, Riga; 2,394 gls, Gdynia; 1,375 gls, Praha; 3,520 gls, Stockholm; 23,990 gls, Helsingfors; (Sandown Castle) 9,350 gls, Durban; 17,100 gls, Lourenco Marques; 400 gls, Beira; 13,725 gls, Mombasa; 1,200 gls, Tanga
OLEO—52,202 lbs, Jean Jadot, Antwerp; 18,833 lbs, Black Falcon, Antwerp; 23,657 lbs, Black Condor, Rotterdam; 9,442 lbs, American Trader, London; 11,971 lbs, Pennland, Antwerp; 23,774 lbs, Rydboholm, Stockholm; 107,299 lbs, Statendam, Rotterdam
PALE—1,240 tons, General Gassouin, Antwerp
PALM, COMP—606,725 lbs, Loch Dee, Buenos Aires
PEPPERMINT—2,680 lbs, American Trader, London; 1,000 lbs, American Shipper, Liverpool
PINE—25,990 lbs, Asosan, Kobe
SASSAFRAS—801 lbs, Scythia, Liverpool
VALVE—800 tons, General Gassouin, France
PAINT—16,206 lbs, Jean Jadot, Antwerp; 6,867 lbs, Loch Dee, Rio Janeiro; 2,283 lbs, Abangarez, Port Limon; 4,134 lbs, Rydboholm, Malmo
CREOSOTE — 2,650 lbs, Abangarez, Port Limon; 3,420 lbs, Musa, Tela
PARAFFIN—22,686 lbs, Scythia, Liverpool; 1,145,960 lbs, Black Falcon, Antwerp; 15,782 lbs, Loch Dee, Santos; 8,890 lbs, Capillo, Rio Janeiro; 50,093 lbs, Abangarez, Port Limon; 4,524 lbs, Musa, Porto Barrios; 15,146 lbs, Frida, Tocopilla; 5,562 lbs, Buenaventura, Acajutla; 22,380 lbs, Santa Rosa, Porto Colombia; (Rydboholm) 11,348 lbs, Gothenburg; 11,243 lbs, Tallinn; 4,303 lbs, Gefle; (Scanstates) 38,282 lbs, Gothenburg; 22,244 lbs, Aarhus; 67,240 lbs, Sandown Castle, Port Elizabeth
SCALE—85,021 lbs, American Shipper, Liverpool
PETROLEUM, REFD—20,000 gls, Coamo, Ciudad; 27,500 gls, Santa Rosa, La Guaira; (New Brunswick) 16,000 gls, Dakar; 2,120 gls, Bathurst; 10,000 gls, Conakry; 10,000 gls, Freetown; 4,500 gls, Sassandra
PHENOBARBITAL—896 lbs, American Trader, London
PHENOL—74,392 lbs, Asosan, Kobe
POLISHING COMP—36,125 lbs, Scythia, Liverpool
POTASH BICHROMATE—12,067 lbs, Loch Dee, Santos; 2,369 lbs, Scanstates, Memel
CAUSTIC—2,291 lbs, West Imboden, Santos
RESIN, COALTAR—2,086 lbs, President Roosevelt, Havre
SYNTHETIC—10,179 lbs, President Roosevelt, Havre; 15,919 lbs, American Shipper, Liverpool
ROSIN—4,209 lbs, Black Falcon, Antwerp
SOAP—16,800 lbs, Coamo, Ciudad
LAUNDRY—7,000 lbs, Borinquen, San Juan
SODA, ASH—(West Imboden) 62,400 lbs, Rio de Janeiro; 11,096 lbs, Buenos Aires; 33,440 lbs, Loch Dee, Buenos Aires; 1,010 lbs, Abangarez, Puntarenas; 3,260 lbs, Musa, Porto Cortes
BICARBONATE—5,150 lbs, Abangarez, Port Limon; 2,525 lbs, Musa, Porto Barrios
BICHROMATE—23,863 lbs, Loch Dee, Rio de Janeiro; 4,887 lbs, Scanstates, Memel
CAUSTIC—(Loch Dee) 278,103 lbs, Rio de Janeiro; 174,960 lbs, Buenos Aires; (Abangarez) 7,180 lbs, Port Limon; 7,200 lbs, Musa, Porto Cortes; 6,474 lbs, Frida, Buenaventura; 131,502 lbs, City of Florence, Karachi
CAUSTIC, SOLID—18,000 lbs, Musa, Porto Cortes
CYANIDE—(Frida) 16,761 lbs, Pisco; 12,372 lbs, Mollendo
HYDROSULPHITE — 2,460 lbs, Loch Dee, Buenos Aires
PHOSPHATE, DI — 11,690 lbs, Borinquen, Ciudad
SODA PYROPHOSPHATE—2,528 lbs, Henri Jasper, Antwerp
SILICATE—1,248 lbs, Abangarez, La Libertad; 8,025 lbs, Musa, Porto Cortes
SOLVENTS—793 lbs, Statendam, Rotterdam
STARCH—25,546 lbs, American Trader, London
CORN—(City of Florence) 11,280 lbs, Karachi; 22,560 lbs, Bombay; 16,215 lbs, Colombo; 33,840 lbs, Calcutta; 2,168 lbs, Gunvor, St Thomas; 4,787 lbs, Borinquen, Ciudad
SULPHUR—15,240 lbs, Buenaventura, Amapala
SUPERPHOSPHATE—237 tons, International, Chambly
TALC—10,100 lbs, Samaria, Liverpool; 44,800 lbs, President Roosevelt, Havre; 60,000 lbs, American Shipper, Liverpool
TALLOW—37,175 lbs, Vulcania, Naples
TANNING EXTRACT, DRY—4,275 lbs, Independence Hall, Dunkirk
MATERIAL — 12,416 lbs, West Imboden, Buenos Aires
THIOPHENE—4,420 lbs, Capillo, Rio de Janeiro
TITANIUM DIOXIDE—14,405 lbs, Loch Dee, Rio de Janeiro
TOLUOL—2,970 gls, Loch Dee, Buenos Aires
TURPENTINE — 2,500 gls, Capillo, Buenos Aires
UREA CRYSTALS, SYNTH—5,150 lbs, Samaria, Liverpool

Baltimore Exports
Clearance Dates

Express, July 1; Fernbrook, June 30; Ho-ku roku, July 5; Lehigh, June 25; McKeesport, June 29; Nordfarer, July 2; Parnahyba, July 2; Ramo, July 7; Stanhall, June 28

ACID, CHROMIC—11,200 lbs, Lehigh, Manchester; 2,200 lbs, McKeesport, Hamburg
ASBESTOS REFUSE—22,000 lbs, McKeesport, Bremen
ASPHALT, SOLID—233,440 lbs, Lehigh, Liverpool; 21 tons, McKeesport, Hamburg
CADMIUM LITHOPONE—3,600 lbs, McKeesport, London
EPSOM SALT—9,450 lbs, Fernbrook, Buenos Aires
ETHYL CARBONATE—438 lbs, McKeesport, London
FIRECLAY—27 tons, Fernbrook, Buenos Aires
GLASS FRIT, CRSHD—35,000 lbs, Lehigh, Manchester
GREASE, LUBRIC—7,500 lbs, Lehigh, Manchester; 24,472 lbs, McKeesport, Czecho-Slovakian; 12,240 lbs, Hokuroku, Yokohama; 6,079 lbs, Nordfarer, Rio Janeiro
OIL, CODLIVER—25,300 lbs, Stanhall, Valencia
LUBRICATING—91 bbls, Lehigh, Manchester; 333 bbls, McKeesport, Praha; 5,000 gals, Hokuroku, Tientsin
MINERAL—(Lehigh) 130 bbls, Manchester; 4,320 gals, Liverpool; 16 bbls, Belfast; 5,400 gals, McKeesport, London
PAINT—18 gals, McKeesport, London
POTASH BICHROMATE—1,560 lbs, McKeesport, Memel
MURIATE—3,228 tons, Ramo, Heroen
PURIFYING COMP—79,824 lbs, McKeesport, London
RUTILE—(Lehigh) 22,400 lbs, Manchester; 4,480 lbs, Liverpool
SODA, CAUSTIC—448,000 lbs, Parnahyba, Santos
TITANIUM LITHOPONE—9,300 lbs, Lehigh, Glasgow
WITCHHAZEL LEAVES—1,607 lbs, Express, Marseilles

Boston Exports
Clearance Dates

American Importer, July 3; Carinthia, July 3; Evangeline, July 1, 6; Hokuroku, June 30; Lady Hawkins, July 2; Maasdam, June 30; Maidan, July 1; McKeesport, July 5; Yarmouth, June 30, July 3, and 7

ALUMINA OXIDE—33 kgs, 9 bgs, 2 bxs, 9,615 lbs, Maidan, London
BORAX—20 scks, 2,000 lbs, Yarmouth, Charlottetown, P E I
BRISTLES—1 cs, 130 lbs, Yarmouth, St John, N B
CEMENT, CAN—80 dms, 4,024 lbs, Hokuroku, Yokohama
LINOLEUM—2 pls, 132 lbs, Evangeline, Yarmouth, N S; 1 cs, 190 lbs, Maidan, London
CHEMICALS—4 dms, 400 lbs, Maidan, London
CLAY—157 bbls, 20 tons, Maidan, London
CLEANER, SHOE—1 cs, 11 lbs, Lady Hawkins, Hamilton
COALTAR INTERMEDIATES—1 kg, 62 lbs, Hokuroku, Shanghai
DRESSING, BELT—1 cs, 201 lbs, Carinthia, Ahmedabad; 1 dm, 50 gls, Maidan, London
LEATHER—10 dms, 500 gls, Maidan, London
FLUX—100 bbls, 13,500 lbs, Maidan, London
GLUE—3 cs, 705 lbs, Maidan, London
CASEIN—2 crtns, 40 lbs, Evangeline, Halifax
MARINE, PITCH—7 tins, 105 lbs, Evangeline, Halifax
GREASE, LUBRICATING—3 cs, 108 lbs, Yarmouth, St John, N B
INK COMP—1 bbl, 56 lbs, Maidan, London
PRINTING—1 cs, 26 lbs, Yarmouth, Loggieville, N B; 1 cs, 85 lbs, Maidan, London
LARD—350 bxs, 9,800 lbs, Carinthia, Liverpool; 1,000 bxs, 56,000 lbs, Maidan, London
LINING COMP—4 dms, 1,891 lbs, Maasdam, Rotterdam; (McKeesport) 2 dms, 958 lbs, Malmo; 25 dms, 1,150 lbs, Goteborg; 1 dm, 572 lbs, Bergen; 10 dms, 4,685 lbs, Odense; 40 dms, 1,840 lbs, Hamburg
MEDICINAL PREPS—6 cs, Maidan, London
MINERAL WATER—1 cs, 12 gls, Evangeline, Chester, N S
MOLASSES—90 bbls, 4,950 gls, Maasdam, Rotterdam
OIL, CASTOR, SULPHON—46 bbls, 2,832 gls, Maasdam, Rotterdam
LUBRICATING—(Yarmouth) 32 cs, 600 pkgs, St John, N B; 5 dms, Charlottetown, P E I; 1 cs, 15 gls, Carinthia, Liverpool; 25 dms, 977 lbs, Maidan, London; 2 dms, 108 gls, Evangeline, Yarmouth
PAINT—2 cs, 31 lbs, Evangeline, Truro, N S
PARAFFIN—10 bgs, 2,200 lbs, Carinthia, Rangoon
PASTE, ADHES—13 dms, 638 lbs, Maasdam, Rotterdam; 75 dms, 3,350 lbs, Maidan, London
POLISH, SILVER—5 crtns, 150 lbs, Yarmouth, St John, N B
STOVE—35 cs, 1,286 lbs, Yarmouth, St John, N B
ROSIN, GUM—75 bbls, 37,400 lbs, Evangeline, Halifax
SILICON CARBIDE—3 kgs, 914 lbs, Maidan, London
STAIN, SHOE, WHITE—1 kg, 78 lbs, Carinthia, Liverpool
TANNING FINISH—21 bbls, 1,156 gls, American Importer, Manchester
TURPENTINE, GUM—(Evangeline) 1 bbl, 51 gls, Yarmouth, N S; 15 dms, 780 gls, Halifax
WATERPROOF COMP—60 dms, 3,000 lbs, Yarmouth, St John, N B

Corpus Christi Exports
Clearance Dates

Edward L Shea, June 13; Elise, June 22; Nyholm, June 16; Teddy, June 11; Thorsheimer, June 18; Varand, June 24

OIL, GAS—71,077 bbls, Edward L Shea, Foreign; 78,900 bbls, Elise, Foreign
PETROLEUM, CRUDE—22,563 bbls, Teddy, Foreign; 63,592 bbls, Nyholm, Foreign; 109,780 bbls, Thorsheimer, Foreign; 65,784 bbls, Varand, Foreign

Galveston Exports
Clearance Dates

Albert L Ellsworth, July 6; Lucia C, June 30; Monbaldo, July 2; Ruth Lykes, June 30; Trolleholm, June 30

ASPHALT—56 bgs, Monbaldo, Genoa
PETROLEUM, CRUDE—95,000 bbls, Albert L Ellsworth, Montreal
SULPHUR—(Ruth Lykes) 1 ton, Havana; 50 tons, Valparaiso; 20 tons, Lucia C, Trieste; (Trolleholm) 2 tons, Copenhagen; 20 tons, Gdynia

Houston Exports
Clearance Dates

Henning Maersk, July 3; Monbaldo, July 1; Pellicula, June 29; Robert F Hand, July 1; Ruth Lykes, June 29; Sheherazade, June 29; Spencer Kellogg, June 30; Steel Engineer, June 30; Trolleholm, June 29; Vinni, July 5; West Camak, July 1

BLACK, CARBON—(Trolleholm) 120 cs, Oslo; 600 cs, Gothenburg; 100 cs, Gdynia; (Steel Engineer) 448 bgs, 8 cs, Calcutta; 5 cs, Colombo; 122 cs, 400 bgs, Monbaldo, Genoa; (West Camak) 96 cs, 4,400 bgs, Genoa; 125 cs, Piraeus; (Vinni) 110 tons, Yokohama; 11 tons, Kobe; 35 tons, Osaka
GASOLINE—17,000 tons, Robert F Hand, London
OIL—51 tons, Ruth Lykes, Cristobal
FUEL — 8,500 tons, Pellicula, St Vincent; 48,500 bbls, Spencer Kellogg, Havana
LUBRICATING—10 dms, Trolleholm, Gdynia; (Steel Engineer) 50 dms, Calcutta; 60 dms, Alexandria; 65 dms, Bombay
PETROLEUM, CRUDE—17,800 tons, Sheherazade, Havre; 14,000 tons, Henning Maersk, Havre
SULPHUR—(Steel Engineer) 215 tons, bagged, Calcutta; 20 tons, Alexandria

Lake Charles Exports
Clearance Dates

Edgehill, June 24; Effingham, June 25

ROSIN—150 bbls, Effingham, Antwerp
TURPENTINE—50 dms, Edgehill, London

Los Angeles Exports
Clearance Dates

Argyll, June 27; Beranger, June 26; Edda, June 25; Hokkai, June 25; Kingsley, June 25; Monterey, June 22; Nanman, June 24; Ogura, June 24; San Jose, June 23; Taihei, June 22; Taybank, June 23
ACID, BORIC — 70 bgs, 7,840 lbs, Monterey, Melbourne; 400 bgs, 44,800 lbs, Edda, London
BORATE — (San Jose) 3,847 bgs, 446,340 lbs, Dunkirk; 2,680 bgs, 448,600 lbs, Rotterdam
BORAX — 230 bgs, 25,760 lbs, Monterey, Melbourne; 1,000 bgs, 112,000 lbs, Edda, London; 2,440 bgs, 291,200 lbs, San Jose, Havre
CLEANER — 5,250 lbs, Taybank, Manila
FILM SCRAP — 8,260 lbs, Edda, London
GASOLINE — 29,540 bbls, 9,693,020 lbs, Taihei, Tokuyama
INFUSORIAL EARTH — 132 bgs, 13,200 lbs, Monterey; Sydney; 28 bgs, 2,280 lbs, Berganger, Havre
MOLYBDENUM, CONCE — 2,540 lbs, Berganger, Havre
OIL, DIESEL — 9,228 bbls, 2,879,010 lbs, Nanman, Osaka; 7,807 bbls, 2,435,650 lbs, Taihei, Yokohama
FUEL — 70,036 bbls, 23,321,990 lbs, Ogura, Kure; 48,742 bbls, 16,231,010 lbs, Hokkai, Shimotzu; 20,798 bbls, 6,925,730 lbs, Argyll, Santa Rosalia
LEMON — 650 lbs, Monterey, Melbourne
LUBRICATING — (Monterey) 13 dms, 6,210 lbs, Sydney; 190 dms, 90,790 lbs, Melbourne
ORANGE, DIST — 490 lbs, Monterey, Christchurch
PECTIN — 670 lbs, Kingsley, Vancouver
CITROUS — 1,000 lbs, Monterey, Melbourne
SODA, CAUSTIC — 200 cs, 9,950 lbs, Taybank, Manila
TOILET PREPS — 1,600 lbs, Monterey, Sydney; 640 lbs, San Jose, Caracas.

Mobile Exports
Clearance Dates

Taurus, June 25; Vinni, June 30

ROSIN — 42 bbls, Vinni, Osaka; (Taurus) 25 bbls, Gothenburg; 25 bbls, Gdynia

New Orleans Exports
Clearance Dates

Arsa, June 24; Baja California, June 17; Cefalu, June 28; Monflore, June 27; Santa Marta, June 17; Senator, June 22; Tegucigalpa, June 30; Wanks, June 23; Wawa, July 5; Weltevreden, June 27
BLACK CARBON — 5 cs, Tegucigalpa, Vera Cruz; (Weltevreden) 20 cs, Swettenham; 70 cs, Singapore; 3,400 sx, Batavia; 1,344 sx, 300 cs, Senator, Manchester
BONE MEAL—5 sx, Cefalu, Panama
BORAX—1 ton, Tegucigalpa, Tampico
CALCIUM PHOSPHATE—10 bbls, Tegucigalpa, Tampico
CARBON, BISULPHIDE — 274 dms, Tegucigalpa, Vera Cruz
CHEMICALS—1 ton, Tegucigalpa, Vera Cruz
COTTONSEED HULL SHAVING PULP—193 tons, Arsa, Marseilles; 295 bls, Senator, Manchester
DISINFECTANT — 5 dms, Tegucigalpa, Vera Cruz
DRUGS—4 tons, Santa Marta, Havana
FIRECLAY—40 dms, Weltevreden, Singapore; 46 tons, Santa Marta, Arica
GASOLINE—50 dms, Baja California, Bluefields; (Wanks) 353 dms, 15 cs, Puerto Cabezas; 300 dms, Ceiba
GLASS, WINDOW — 5 tons, Wawa, Alvaro Obregon
GLUCOSE—120 bbls, Senator, Liverpool
GREASE, LUBRICATING—(Santa Marta) 30 ctns, Panama City; 35 cs, Puerto Colombia; 15 dms, Wawa, Alvaro Obregon
INK—(Santa Marta) 2 tons, Puerto Colombia; 25 dms, 6 kits, Valparaiso; 9 dms, Tegucigalpa, Tampico; 5 dms, Cefalu, Havana
KEROSENE—20 dms, Santa Marta, Cartagena; 50 cs, Cefalu, Puerto Cabezas
LARD—(Santa Marta) 900 dms, 596 tins, Havana; 1,150 tins, Panama; 150 tins, Puerto Armuelles; 1,200 tins, Puerto Limon; 1,100 tins, Vera Cruz
LEAD, RED—20 kgs, Baja California, Bluefields
LYE—1 ton, Tegucigalpa, Tampico
OIL, CEDARWOOD — 3 tons, Arsa, Marseilles
FUEL — 100 bbls, Cefalu, Ceiba
LUBRICATING — (Santa Marta) 11 dms, 60 ctns, Panama City; 12 dms, 13 qtr dms, 80 cs, Cartagena; 315 dms, 355 cs, 77 qtr dms, Puerto Colombia; 13 dms, 10 qtr dms, 80 cs, Santa Marta; 6 dms, Arico; 188 dms, Tegucigalpa, Tampico; (Monflore) 56 cs, 1 dm, Oran; 120 bbls, 95 dms, Algiers; 52 bbls, Genoa; 53 bbls, Marseilles; 83 tons, Arsa, Marseilles; 85 bbls, Senator, Manchester; 60 dms, Wawa, Alvaro Obregon
OLIVE — 10 dms, Tegucigalpa, Vera Cruz
REFINED — (Wanks) 10 dms, Puerto Cabezas; 5 dms, Ceiba
PAINT — (Cefalu) 1 ton, Colon; 2 tons, Panama City; 3 tons, Buenaventura
PARAFFIN — (Cefalu) 1,000 sx, Talcahuano; 250 sx, Valparaiso; 15 tons, Arsa, Istanbul
SCALE — 519 bbls, Senator, Manchester
ROSIN — (Santa Marta) 30 bbls, Callao; 45 dms, Talcahuano; (Weltevreden) 20 dms, Singapore; 325 dms, Batavia; 10 dms, Palembang; 80 dms, Semarang; 200 dms, Sourabaya; 20 dms, Macassar
GUM — 100 bbls, Santa Marta, Puerto Colombia
WOOD — (Santa Marta) 75 dms, Puerto Limon; 60 dms, Cartagena
SALT — 30 tons, Santa Marta, Havana; 2 tons, Baja California, Bluefields
SODA — 3 tons, Santa Marta, Cristobal
CAUSTIC — 65 dms, Wawa, Alvaro Obregon
SULPHATE — 36 bbls, Tegucigalpa, Tampico
SHRIMP BRAN — 20 sx, Santa Marta, Cristobal
STARCH, CORN — 8,808 sx, Senator, Manchester
TALLOW, INED — 2 tons, Santa Marta, Havana
TRIPOLI, PULV — 30 sx, Tegucigalpa, Vera Cruz

Norfolk Exports
Clearance Dates

Clytoneus, June 29; Tiradentes, June 29

OCHER—150 bbls, 67,170 lbs, Tiradentes, Rotterdam
STARCH, CORN—440 bgs, 62,480 lbs, Clytoneus, Hongkong

Philadelphia Exports
Clearance Dates

Artigas, July 8; Astri, July 1; Black Osprey, July 5; Clan Macnair, July 1; Collamer, July 6; Crown City, July 5; Estrella, July 1; Exermont, July 7; Fernbrook, July 1; Javanese Prince, July 2; Parnahyba, July 5; Polycarp, July 2; Port Brisbane, July 1; San Clemente, July 2; Scanyork, July 2; Steel Traveler, June 30; Toronto City, July 2

ANTI-KNOCK COMP—65 dms, Estrella, Marseilles; 20 dms, 1 cs, Parnahyba, Rio de Janeiro
ASPHALT, PETROL—5 dms, Port Brisbane, Sydney; 20 dms, Artigas, Manchester
BENZOL—(Fernbrook) 100 dms, Buenos Aires via Montevideo; 50 dms, Buenos Aires
BLACK, BONE — 20 bgs, Port Brisbane, Sydney; 1 dm, Artigas, Liverpool
BRAKE FLUID—9 ctns, Port Brisbane, Sydney
CEMENT, GASKET—10 ctns, Steel Traveler, Manila; 2 ctns, Crown City, Havre
SEALING—35 ctns, Steel Traveler, Manila; 14 ctns, Port Brisbane, Melbourne
CHEMICALS—(Black Osprey) 20 cyls, Amsterdam; 12 pkgs, Antwerp
CHEMICAL SPECIALTIES—24 ctns, 6 cs, Port Brisbane, Melbourne
CLEANER—1 ctn, Steel Traveler, Manila; 10 dms, Crown City, Havre; 1 ctn, Exermont, Athens
COALTAR—5 pkgs, Black Osprey, Rotterdam
INTERMEDIATES—(Fernbrook) 30 dms, Rio de Janeiro; 2 dms, Buenos Aires
COCOA CAKE—640 pkgs, Black Osprey, Amsterdam
COTTON SOFTENER—5 dms, Port Brisbane, Melbourne
CYANIDE, CRUDE—(Port Brisbane) 6 dms, Melbourne; 6 dms, Sydney
DICHLORODIFLUOROMETHANE — 50 cyls, Fernbrook, Buenos Aires
DYESTUFFS—35 pkgs, Black Osprey, Antwerp
ETHYL FLUID—10 dms, Crown City, Havre
FLY SPRAY—10 dms, Parnahyba, Rio de Janeiro
FUEL, MOTOR—(Crown City) 35 dms, Prague; 15 dms, Havre
FULLER'S EARTH—1 bskt, Estrella, Lisbon
GASOLINE—(Clan Macnair) 1,250 cs, Pointe de Galets; 2,700 cs, Port Louis
GELATIN, TECH—39 bbls, Fernbrook, Buenos Aires
GLASS, ROUGH—3 cs, San Clemente, Cristobal
WINDOW—109 cs, San Clemente, Cristobal
GREASE, LUBRICATING — 18 pkgs, Steel Traveler, Manila; 4 dms, 3 cs, San Clemente, Panama; 20 bbls, Crown City, Havre; 30 bbls, Estrella, Lisbon; 18 dms, Port Brisbane, Sydney; (Parnahyba) 20 cs, 10 dms, 45 bbls, 40 bskts, Rio de Janeiro; 20 bbls, Santos; 1 dm, Artigas, Liverpool; 36 cs, Fernbrook, Santos; 4 half dms, 45 dms, 5 cs, Exermont, Piraeus
GUM, SYNTHETIC—1 bx, Fernbrook, Rio de Janeiro
INK, PRINTING — (Black Osprey) 1 pkg, Rotterdam; 3 pkgs, Antwerp
SHOE — 4 ctns, San Clemente, Corozal
INSECTICIDE — 3 ctns, Steel Traveler, Manila; (San Clemente) 5 cs, Arequipa; 39 ctns, Panama City; 20 cs, Estrella, Lisbon
KEROSENE — (Clan Macnair) 750 cs, Pointe de Galets; 1,200 cs, Port Louis
LEAD DROSS — 4,015 bgs, Toronto City, Bristol
LICORICE EXTRACT — 9 dms, Crown City, Prague via Hamburg; 20 dms, Artigas, Hamburg
PASTE — (Scanyork) 5 cs, Gothenburg; 90 cs, Copenhagen; 20 cs, Artigas, Glasgow
LINSEED CAKE — 893 pkgs, Black Osprey, Antwerp
MEDICINAL PREPS — (Steel Traveler) 3 bxs, Hongkong; 26 bxs, Shanghai; 60 pkgs, Black Osprey, Rotterdam; 2 cs, Fernbrook, Santos
MINERAL SPTS — 2 dms, San Clemente, Panama; 100 bbls, Estrella, Marseilles; 3,100 cs, Parnahyba, Rio de Janeiro
OIL, COALTAR — 10 dms, 3 cans, Crown City, Havre; 5 dms, Artigas, Manchester
LUBRICATING — 34 ctns, 85 dms, Steel Traveler, Manila; (Toronto City) 40 bbls, Cardiff; 66 bbls, Bristol; 1,315 bbls, 8 dms, Collamer, Dunkirk; (San Clemente) 8 dms, Antofagasta; 30 dms, Paita; 5 dms, Mollendo; 20 dms, Lima; 60 dms, Callao; 9 cases; 66 dms, Panama; (Estrella) 175 bbls, 710 cs, 750 ctns, 66 dms, Lisbon; 55 bbls, 9 dms, 275 cs, Leixoes; 35 cs, San Thome; 20 pkgs, Dilolo; 12 pkgs, Mossamedes; 80 pkgs, Loanda; 10 pkgs, Porto Amboin; 9 pkgs, Novo Redondo; 93 pkgs, Benguela; 33 pkgs, Bissao; 15 pkgs, Kabinda; 5 dms, St Vincent; 27 pkgs, Praia; 2,676 pkgs, Casablanca; 20 dms, 150 bbls, 43 pkgs, Marseilles; 200 bbls, 60 dms, Crown City, Havre; (Port Brisbane) 1,135 pkgs, Melbourne; 505 pkgs, 30 dms, Adelaide; 1,055 pkgs, Brisbane; 5 pkgs, 9 ctns, 1 crate, 1 bx, 68 dms, 21 qtr dms, 150 pails, Sydney; 10 dms, Brisbane; 124 dms, Melbourne; (Clan Macnair) 915 dms, 615 cs, Capetown; 2,438 pkgs, Durban; 565 dms, 510 cs, East London; 10 bbls, 550 dms, 440 cs, Port Elizabeth; 620 pkgs, Beira; 165 pkgs, Manakara; 419 pkgs, Tamatave; 650 pkgs, Pointe de Galets; 95 dms, 140 cs, Port Louis; 27 pkgs, Black Osprey, Antwerp; 52 bbls, Scanyork, Gdynia; (Javanese Prince) 380 pkgs, Cebu; 451 pkgs, Hongkong; (Polycarp) 160 pkgs, Para; 10 pkgs, Manaos; 32 dms, 40 cs, 20 pkgs, Pernambuco; 13 pkgs, Villanova; 11 pkgs, Penedo; 150 pkgs, Cabedello; (Parnahyba) 13 dms, Paranagua; 365 dms, 908 cs, 340 bbls, Rio de Janeiro; (Artigas) 1 dm, Manchester; 25 dms, 60 bbls, Liverpool; (Fernbrook) 200 cs, 40 pails, Santos; 90 dms, 155 cs, Montevideo; (Exermont) 114 dms, 1 bx, 50 cs, Piraeus; 44 ctns, Athens
NEATSFOOT — 2 bbls, Estrella, Marseilles; 2 dms, Fernbrook, Buenos Aires
TRANSFORMER — 50 dms, Estrella, Lisbon; 10 dms, 80 cs, Parnahyba, Buenos Aires
VEGETABLE, SULPHONATED — 12 dms, Fernbrook, Buenos Aires
PAINT — 9 ctns, Steel Traveler, Manila; 1 bx, Toronto City, Bristol; 12 ctns, 19 kits, Estrella, Lisbon; 14 ctns, Port Brisbane, Melbourne
LEATHER — 15 pkgs, Fernbrook, Buenos Aires
PARAFFIN — 1,092 bbls, Toronto City, Bristol; 213 bbls, Crown City, London; (Estrella) 2,000 bgs, Casablanca or Lisbon; 200 bgs, Casablanca; 20 bbls, Marseilles; 269 pkgs, Black Osprey, Antwerp; 20 bbls, Parnahyba, Rio de Janeiro; (Artigas) 1,158 bbls, Manchester; 286 bgs, Liverpool
REFINED — 51 bgs, Toronto City, Bristol
SCALE — 213 bbls, Toronto City, Bristol
PLASTIC — 381 dms, Toronto City, Cardiff; 120 dms, Port Brisbane, Melbourne
POLISH, AUTO — 6 ctns, Steel Traveler, Manila; 117 ctns, Crown City, Havre; 125 ctns, Port Brisbane, Melbourne
PRIMER, LIQ — 6 ctns, 2 kits, Estrella, Lisbon
RADIATOR FLUSH — 40 ctns, Crown City, Havre
RESIN, COALTAR — 5 dms, Crown City, Havre
SYNTHETIC — 1 dm, Artigas, Glasgow
ROSIN — 10 bbls, San Clemente, Cristobal
SOAP, LAUNDRY — 300 bxs, Toronto City, Bristol; 300 bxs, Crown City, London
LIQUID — 8 dms, Astri, Santos
SODA, ASH—1,455 pkgs, Javanese Prince, Shanghai
CAUSTIC—339 pkgs, Javanese Prince, Shanghai
PHOSPHATE, TRI—340 bgs, Artigas, Manchester
SOLDER DROSS—7 dms, Toronto City, Bristol
SOLVENTS—82 dms, Fernbrook, Buenos Aires via Montevideo
AROMATIC—106 dms, Port Brisbane, Sydney
TANNING EXTRACT—17 bbls, 1 bx, 1 dm, Fernbrook, Buenos Aires
MATERIAL—10 bbls, Fernbrook, Buenos Aires
SPECIALTY COMP—6 bbls, Scanyork, Gdynia
TETRAETHYL LEAD—(Port Brisbane) 5 dms, Melbourne; 2 dms, Adelaide; 8 dms, Sydney; 3 dms, Brisbane
VARNISH, TRANSPARENT—1 dm, Artigas, Liverpool
VALVE GRINDING COMP—1 ctn, Steel Traveler, Manila; 5 ctns, Port Brisbane, Melbourne; 6 ctns, Exermont, Athens

Port Arthur Exports
Clearance Dates

Brasil, June 29; Mendocino, June 30; Mijdrecht, June 25; New York, June 25; Nyholt, June 28; Rhea, June 29; Spidoleine, June 25; Strinda, June 25

ASPHALT—28 dms, New York, San Juan; 8 dms, Brasil, Malmo
GASOLINE—78,397 bbls, Brasil, Gothenburg and/or Malmo; 88,781 bbls, Nydrecht, La Coruna; (New York) 54,859 bbls, San Juan-Guayanilla; 8,200 bbls, San Juan; 615 wd bbls, Guayanilla
GREASE, LUBRICATING—10 dms, New York, Guayanilla; (Brasil) 177 cs, 93 dms, Gothenburg; 30 cs, 25 pls, 93 dms, Malmo
KEROSENE—(New York) 7,016 bbls, San Juan-Guayanilla; 1,450 cs, Guayanilla; (Brasil) 11,588 bbls, Gothenburg-Malmo; 5 dms, Gothenburg
OIL FUEL, BUNKER—286 bbls, Spidoleine, Ghent
DIESEL—(Spidoleine) 18,487 bbls, Antwerp; 1,575 bbls, Ghent; 7,444 bbls, Brasil, Gothenburg and/or Malmo; (New York) 2,020 bbls, San Juan and/or Guayanilla; 238 bbls, San Juan
LUBRICATING—(Spidoleine) 6,180 bbls, 260 dms, Antwerp; 2,144 bbls, Ghent; (New York) 2 dms, 2 cs, San Juan; 125 dms, 140 cs, Guayanilla; (Brasil) 377 dms, Gothenburg; 225 cs, Gothenburg; 183 dms, 70 cs, Malmo
PETROLEUM, CRUDE—117,390 bbls, Strinda, Montreal; 82,534 bbls, Rhea, Bordeaux; 93,399 bbls, Nyholt, Montreal; 80,705 bbls, Mendocino, Montreal
SOLVENT CLEANING, DRY—25 dms, Brasil, Gothenburg
WAX—2 cs, Brasil, Malmo
LIQUID DRESSING—3 cs, Brasil, Gothenburg

San Francisco Exports
Clearance Dates

Beranger, June 22; Charcas, June 24; Chichibu, June 21; Cuba, June 20; Gregalia, June 22; Hoegh Transporter, June 18; Laurits Swenson, June 20; Monterey, June 20; Pacific Pioneer, June 22; Portland, June 22; San Jose, June 21; San Pedro, June 18; Vitus Bering, June 24

ACETONE — 10 dms, Hoegh Transporter, Manila; 62 dms, San Jose, Belgium; 12 dms, Charcas, Valparaiso
ACETYLENE—50 cyls, Charcas, Puntarenas
ACID, BORIC—20 sks, Monterey, Australia
NITRIC—5 crbys, Charcas, Mazatlan
SULPHURIC—2 dms, Charcas, San Miguel
TANNIC, POWD—4 cs, Charcas, La Libertad
AMMONIA—1 cs, Charcas, San Jose de Guatemala
ANISE—1 sk, Charcas, Amapala
APRICOT KERNELS — (Beranger) 25 sks, France; 100 sks, Holland; 5 sks, Belgium; 50 sks, Portland, Hamburg
ASPHALT — (Hoegh Transporter) 802 dms, Singapore; 10 dms, Al Khobar; 25 dms, Bombay; 50 dms, Karachi; 85 dms, Bahrein; 50 dms, Monterey, Australia; 827 bbls, Charcas, Acajutla
BABASSU MEAL—2,240 sks, Laurits Swenson, Norway
BIOLOGICALS—4 cs, Monterey, New Zealand
BLACK, CARBON—5 cs, Hoegh Transporter, Batavia; 31 cs, Monterey, Australia; 40 sks, Chichibu, Tokio
BLEACHING WATER—23 cs, Hoegh Transporter, Manila
BLUE VITRIOL—4 bbls, Charcas, Mazatlan
BLOOD MEAL—1,000 sks, Beranger, France
BOILER COMP—10 dms, Hoegh Transporter, Manila
BONE ASH—2 dms, 2 bbls, Charcas, La Union
BORAX—40 cs, 5 bbls, Hoegh Transporter, Manila; 100 sks, Monterey, Australia; 96 sks, Charcas, Mazatlan
CALCIMINE — 8 pls, Hoegh Transporter, Madras; 1 cs, Charcas, Coquimbo
CALCIUM PHOSPHATE TRI—65 sks, Monterey, Australia
CARBON BISULPHIDE—(Charcas) 60 dms, Mazatlan; 20 dms, San Miguel
CEMENT, KEENES—200 sks, Monterey, New Zealand
ROOF—(Hoegh Transporter) 40 cs, Cebu; 4 cs, Singapore
RUBBER—21 cs, Hoegh Transporter, Manila
CHEMICALS — 2 bbls, Hoegh Transporter, Singapore; 22 dms, 4 cs, Monterey, Australia; 2 cs, Chichibu, Osaka
CINNAMON — (Charcas) 14 bls, Amapala; 5 bls, Managua; 3 bls, San Miguel; 10 sks, Mazatlan
CLEANER — 2 dms, Monterey, Australia; 2 cs, Charcas, San Jose de Guatemala
AUTO — 1 cs, Monterey, Fiji Islands
CLOVES — (Charcas) 4 sks, Guayaquil; 1 sk, San Jose de Guatemala; 7 sks, Mazatlan; 1 sk, Amapala
COALTAR (Charcas) 10 dms, Acajutla; 20 dms, Santa Ana
COLOR, DRY — 3 cs, Monterey, Australia; 3 cs, Hoegh Transporter, Madras; 16 cs, Charcas, Guatemala
MINERAL BLACK — 2 kgs, Charcas, La Libertad
CORKBOARD — 22 cs, Monterey, Samoa
CREAM TARTAR — 2 cs, Charcas, San Jose de Guatemala
CUMIN SEED — (Charcas) 16 sks, Amapala; 4 sks, San Miguel; 1 sk, San Jose de Guatemala
CYANIDE — 100 dms, Charcas, Mazatlan
DENTIFRICES — 19 cs, Hoegh Transporter, Batavia
DRUGS — (Hoegh Transporter) 45 pkgs, Madras; 58 pkgs, Bombay; 13 cs, Manila; 19 cs, Singapore; 1 cs, Medan; (Monterey) 1 cs, New Guinea; 30 cs, Australia
VEGETABLE — (Monterey) 1 cs, Fiji Islands; 7 cs, Australia
ENAMEL — 3 cs, Charcas, Guatemala
FIRECLAY — 3 sks, Hoegh Transporter, Al Khobar
FLAVORING ESSENCE, LIQ — 5 cs, Monterey, New Zealand
FLUORSPAR — 1 sk, Charcas, La Union
FULLER'S EARTH — 3,500 sks, Charcas, Talara
GASOLINE—3 dms, Cuba, Yokohama; (Charcas) 10 dms, Champerico; 2,500 bbls, 560 cs, Puntarenas
GLASS, BORAX—17 cs, Charcas, La Union
WINDOW—3 cs, Hoegh Transporter, Bahrein
GLUCOSE—30 bbls, Hoegh Transporter, Cebu; 320 bbls, Monterey, New Zealand
GLYCERIN—4 dms, Cuba, Dairen
GRAPHITE—6 bbls, Charcas, Mazatlan
GREASE—(Hoegh Transporter) 1 dm, Colombo; 40 dms, 11 cs, Bahrein; 15 dms, 3 cs, Monterey, Australia; 10 bbls, Pacific Pioneer, London
GUM, TRAGACANTH—5 bbls, 1 dm, Monterey, Australia
HOPS—3 bls, Hoegh Transporter, Colombo
INK PRINTING—(Hoegh Transporter) 1 cs, Batavia; 5 cs, Belawan; 10 dms, Monterey, Australia
INSECTICIDE—7 dms, Charcas, Callao
LIQUID—3 bbls, Charcas, San Jose de Costa Rica
KELP ESSENCE, POWD—12 cs, Chichibu, Kobe
KEROSENE—400 cs, Charcas, San Jose de Guatemala
LACQUER—2 cs, Charcas, Guatemala
LEAD ACETATE—1 bbl, 5 kgs, Charcas, La Union
METALLIC PASTE—6 pls, Gregalia, Glasgow
RED, DRY—100 kgs, Hoegh Transporter, Manila; 15 kgs, Charcas, La Libertad
RED, IN OIL—20 kgs, Charcas, Guatemala
WHITE—11 kgs, Charcas, Valparaiso
WHITE IN OIL—150 kgs, Hoegh Transporter, Manila; 15 cs, Charcas, Amapala
LIMESTONE—7 sks, Vitus Bering, Puerto Armuelles
LITHARGE—10 pls, Hoegh Transporter, Manila; (Charcas) 2 dms, 2 pls, 5 kgs, La Union; 2 kgs, 2 dms, Mazatlan
LYE—15 cs, Hoegh Transporter, Manila
MEDICINAL PREPS—(Monterey) 4 cs, Australia; 5 cs, New Zealand; 1 cs, Chichibu, Kobe; 1 cs, San Jose, Colombia; 1 cs, Charcas, San Jose de Guatemala
MILLET SEED—2 sks, Charcas, San Jose de Guatemala
MINERAL WATER—4 cs, Charcas, San Jose de Guatemala
MOLYBDENITE CONCENTRATE — 83 bbls, Chichibu, Yokohama; 48 bbls, Chichibu, Kobe
NITROUS OXIDE—11 cs, Monterey, New Zealand
NUTMEGS—1 sk, Charcas, Mazatlan
OCHER, YELLOW—2 kgs, Charcas, La Libertad
OIL, COCONUT—15 bbls, 62 cs, Monterey, New Zealand; (Charcas) 5 dms, San Jose de Guatemala; 5 dms, Corinto; 5 dms, San Jose de Guatemala; 30 dms, Puntarenas
COCONUT, REFD — 25 dms, Vitus Bering, Puerto Armuelles
DIESEL — 45,604 bbls, San Pedro, Japan; (Charbas) 5 dms, Mollendo; 10 dms, Salaverry; 5 dms, Pisco
FUEL—9,843 bbls, San Pedro, Japan
GAS—7,456 bbls, Hoegh Transporter, Opon
LUBRICATING — (Hoegh Transporter) 20 dms, Colombo; 98 dms, Al Khobar; 50 dms, Penang; 25 dms, Manila; 1 cs, 20 dms, Batavia; 50 dms, Singapore; 340 dms, Port Swettenham; 165 dms, Madras; 160 dms, Bombay; 10 dms, Karachi; 110 dms, Monterey, Australia; 600 cs, Cuba, China; 10 dms, Chichibu, Jinsen; 1 cs, Pacific Pioneer, London; (Charcas) 10 dms, San Jose de Costa Rica; 9 dms, Amapala; 15 dms, Corinto
MINERAL—2 cs, Charbas, Champerico
MOTOR—22 dms, Charcas, Callao
PALM, CRUDE—2 dms, Charcas, La Libertad
PEPPERMINT—1 dm, 1 cs, Monterey, Australia
TRANSFORMER—55 dms, Charcas, La Paz

PAINT—(Hoegh Transporter) 10 pls, Bombay; 152 pls, 61 cs, Madras; 64 cs, 30 pls, Singapore; (San Jose) 58 cs, France; 4 cs, Colombia; (Charcas) 18 cs, San Salvador; 82 cs, Champerico; 3 kgs, San Miguel; 12 pls, 38 cs, Charcas, Guatemala
DRIER—1 kg, Charcas, Valparaiso
LIQUID—5 cs, Hoegh Transporter, Manila
PREPARED—2 cs, Charcas, Amapala
PASTE—1 cs, Charcas, Champerico; 2 dms, Charcas, Valparaiso
PARAFFIN, WHITE—300 sks, Charcas, Callao
PEPPER, BLACK—(Charcas) 4 sks, San Jose de Guatemala; 6 sks, Corinto; 2 sks, Managua; 7 sks, Mazatlan; 23 cks, Guayaquil; 5 sks, Amapala
PERFUMERY—2 dms, 5 cs, Monterey, Australia
PETROLEUM, CRUDE—16,820 bbls, San Pedro, Japan
PRODUCTS—1 dm, Monterey, Australia
PIGMENT, PAINT — 20 sks, Hoegh Transporter, Manila
PIMENTO — 2 sks, Charcas, Corinto
POLISH, FURNITURE — 13 cs, Hoegh Transporter, Manila
SHOE — 12 cs, Hoegh Transporter, Manila
STOVE — 2 cs, Hoegh Transporter, Manila
POTASH COMP — 60 dms, Charcas, Callao
PRESERVER, WOOD — 2 pls, Hoegh Transporter, Manila
PRIMING SOL — 1 dm, Hoegh Transporter, Bahrein
PUTTY — 1 cs, Hoegh Transporter, Bahrein; 3 cs, 3 kgs, Charcas, Guatemala
RAPESEED — 1 sk, Charcas, San Jose de Guatemala
RED, VENETIAN — 2 cs, Charcas, La Libertad
ROSEMARY — 1 sk, Charcas, Amapala
ROSIN — 1 dm, Monterey, Australia
SACHARIN—1 cs, Monterey, Australia
SALT — (Charcas) 2 sks, La Libertad; 2 sks, Guatemala
IODIZED — (Monterey) 2,000 pkgs, Australia; 800 pkgs, New Zealand
SULPHURIZED — 1,000 pkgs, Monterey, Australia
SARDINE MEAL — 100 sks, Hoegh Transporter, Manila; 509 sks, Beranger, Belgium
SILICA, GRD — 6 dms, Monterey, Australia
SOAP — 1 cs, Hoegh Transporter, Iloilo; 1 cs, Monterey, Fiji Islands
LAUNDRY — 10 cs, Hoegh Transporter, Manila; (Charcas) 1 cs, Mazatlan; 4 cs, La Libertad
SCOURING — 1 cs, Monterey, Samoa; 3 cs, Charcas, San Jose de Guatemala
TOILET — (Monterey) 1 cs, New Guinea; 2 cs, Samoa; 2 cs, Charcas, San Miguel
SODA ASH — (Charcas) 260 sks, Mazatlan; 2 bbls, La Union
BENZOATE — 2 dms, Monterey, Australia
BICARBONATE — 6 sks, Charcas, La Union
CAUSTIC — 110 dms, Hoegh Transporter, Manila; (Charcas) 2 dms, 10 bbls, Corinto; 30 dms, Managua; 6 dms, La Libertad
CYANIDE—400 dms, Charcas, Mazatlan
PHOSPHATE TRI—1 cs, Monterey, Australia
SILICATE—3 dms, Charcas, Corinto
SOLDER, LIQ—3 cs, Hoegh Transporter, Batavia
SOYBEAN FLOUR—10 sks, Monterey, Australia
SULPHUR—(Charcas) 20 sks, Corinto; 10 sks, San Miguel; 7 dms, Talara
FLOWERS—23 sks, Monterey, Australia
SUPERPHOSPHATE—44 sks, Charcas, Guatemala
TALC—40 sks, Charcas, Managua
GROUND—200 sks, Charcas, Mazatlan
TALLOW—(Charcas) 5 dms, Acajutla; 175 dms, San Jose de Guatemala
TAPIOCA—(Charcas) 2 sks, La Libertad; 6 sks, Sucre
TOILET PREPS—(Hoegh Transporter) 87 cs, Manila; 1 cs, Batavia; 8 cs, Bombay; 13 cs, Colombo; (Monterey) 1 cs, Tongan Islands; 3 cs, Australia; 1 cs, New Zealand; (Charcas) 3 cs, Lima; 10 cs, Amapala; 2 cs, San Jose de Costa Rica
TREE WASH—(Monterey) 80 cs, Australia; 52 dms, 30 pls, New Zealand
VANILLA BEANS—5 cs, Portland, Hamburg; 1 cs, Charcas, San Jose de Guatemala
VARNISH—(Charcas) 1 cs, Antofagasta; 4 cs, 6 pls, Guatemala
COPAL—1 dm, Charcas, La Libertad
WAX, FLOOR—5 cs, Hoegh Transporter, Bahrein; 3 cs, Charcas, Guatemala
ZINC DUST—91 dms, Hoegh Transporter, Manila; (Charcas) 53 cs, Amapala; 12 cs, Corinto; 15 cs, Mollendo; 25 dms, 502 cs, Mazatlan

Savannah Exports

Clearance Dates

Clytoneus, July 2, San Bernardino, July 6; Silveryew, June 27; Sundance, July 2; Tatra, July 5; Tortugas, July 1; Weltevreden, June 30

CLAY—1,200 bgs, Sundance, Hull
GLUCOSE—(Clytoneus) 105 bbls, Manila; 30 bbls, Hongkong
OIL, PINE—(Weltevreden) 10 dms, Belawan; 20 dms, Batavia; 3 dms, Macassar
PEANUT CAKE—8,557 bgs, Tortugas, Aarhus
PINETAR—5 dms, Weltevreden, Singapore
ROSIN, GUM—(San Bernardino) 16 dms, Port Spain; 100 dms, Buenaventura; 100 dms, Barranquilla; 225 dms, Valparaiso; 10 dms, Pimentel; (Clytoneus) 45 dms, Hongkong; 19 dms, Dairen; 5 bbls, San Bernardino, Lima; 32 bbls, Silveryew, Dairen; (Weltevreden) 45 bbls, Singapore; 102 bbls, Bangkok; 100 bbls, Batavia; 200 bbls, Tjilatjap; 100 bbls, Padang; 500 bbls, Cheribon; 1,745 bbls, Semarang; 444 bbls, Sourabaya; 50 bbls, Clytoneus, Manila; (Sundance) 1,040 bbls, London; 210 bbls, Hull; 175 bbls, Rotterdam; 25 bbls, Amsterdam; 362 bbls, Tatra, Havana
POWDER—10 bgs, Weltevreden, Semarang
SIZE—225 bgs, Sundance, Rotterdam
WOOD—(Weltevreden) 100 dms, Batavia; 100 dms, Padang; 10 dms, Beukoelen; 20 dms, Palembang; 50 dms, Macassar; 250 dms, Semarang
TURPENTINE, GUM—(San Bernardino) 1,100 cs, Valparaiso; 215 cs, Callao; 70 cs, Pimentel; 25 cs, Pisco; (Sundance) 1,250 bbls, London; 10 dms, 253 bbls, Antwerp; 100 bbls, Hull; 535 bbls, Rotterdam; (San Bernardino) 7 dms, Callao; 20 dms, Pimentel; 8 dms, Tatra, Santiago; 40 dms, Valparaiso
WOOD—2 dms, Weltevreden, Penang

Tampa Exports

Clearance Dates

Bockenheim, June 29; Goldfield, July 2; Lucia C, July 3

ASPHALT—1 dm, Goldfield, Nueva Gerona
PAINT—2 cs, Goldfield, Nueva Gerona
PHOSPHATE—4,203 tons, Bockenheim, Hamburg-Harburg; 2,000 tons, Lucia C, Trieste
PARAFFIN—1 cs, Goldfield, Nueva Gerona

Coastwise Shipments

Corpus Christi Coast Trade

GASOLINE—80,191 bbls, S M Spalding, Baytown; 94,784 bbls, Levant Arrow, Baytown; 100,127 bbls, Wallace E Pratt, Baytown; 77,433 bbls, Beaconoil, Baytown
KEROSENE—8,556 bbls, Gertrude Kellogg, Baytown
OIL, FUEL—22,190 bbls, Dolomite II, Baytown; 30,462 bbls, Criloil, Baytown; 15,273 bbls, Gertrude Kellogg, Baytown
GAS—28,882 bbls, Gertrude Kellogg, Baytown
PETROLEUM, CRUDE—72,052 bbls, Altair, Baytown; 139,152 bbls, Charles G Black, Baytown; 218,999 bbls, Paco, Baytown; 125,998 bbls, Federal, Baytown; 23,739 bbls, Chiloil, Baytown; 67,507 bbls, Paulsboro, Baytown; 76,044 bbls, Swiftlight, Baytown; 98,057 bbls, Thermo, Baytown; 148,865 bbls, John D Archbold, Baytown; 88,006 bbls, Christy Payne, Baytown; 48,433 bbls, Dannedaike, Baytown; 147,954 bbls, W S Farish, Baytown; 50,348 bbls, Arizona, Baytown; 65,377 bbls, Franklin K Lane, Baytown; 112,378 bbls, W C Teagle, Baytown; 137,681 bbls, G Harrison Smith, Baytown; 94,806 bbls, R P Resor, Baytown; 77,626 bbls, Geo H Jones, Baytown

Los Angeles Coast Trade

GASOLINE—61,396 bbls, Huguenot, Seattle; 45,045 bbls, Warwick, Seattle; 4,319 bbls, San Diegan, San Diego; 53,000 bbls, Baldbutte, Portland; 75,212 bbls, Mojave, San Francisco; 74,567 bbls, Deroche, Portland; 6,839 bbls, San Diegan, San Diego; 73,847 bbls, Dirigo, San Francisco; 111,873 bbls, Brilliant, Providence
KEROSENE—2,903 bbls, Cathwood, Oleum
OIL, DIESEL—18,590 bbls, Huguenot, Seattle; 2,836 bbls, Tejon, Portland; 23,000 bbls, Baldbutte, Portland; 2,906 bbls, San Diegan, San Diego
FUEL—68,000 bbls, Pat Doheny, Seattle; 2,801 bbls, San Diegan, San Diego; 63,669 bbls, Tejon, Portland; 2,376 bbls, Coast Farmer, Seattle; 1,931 bbls, Mojave, San Francisco; 5,513 bbls, Deroche, Portland; 64,588 bbls, F G Drum, Avon; 20,163 bbls, Cathwood, Oleum
GAS—13,498 bbls, Cathwood, Oleum

San Francisco Coast Trade

ALCOHOL — 11 tons, Stanley A Griffiths, Seattle
ALUMINA SULPHATE — 40 tons, Nabesna, Portland, Ore
COTTONSEED MEAL—20 tons, Nabesna, Portland, Ore
CRACKLINGS—25 tons, Sidney M Hauptman, Portland, Ore
FISH MEAL—20 tons, Nabesna, Portland, Ore
INFUSORIAL EARTH — 15 tons, Nabesna, Portland, Ore
INSECTICIDE—50 tons, Stanley A Griffiths, Seattle
LARD—16 tons, Munami, Portland, Ore
MAGNESITE — 20 tons, Stanley A Griffiths, Seattle
OIL, LUBRICATING—23 tons, Munami, Portland, Ore
PAINT—23 tons, Nabesna, Portland, Ore
26 tons, Sidney M Hauptman, Portland, Ore
15 tons, Stanley A Griffiths, Seattle
SALT—171 tons, Nabesna, Portland, Ore
30 tons, Munami, Portland, Ore
1,157 tons, Sidney M Hauptman, Portland, Ore
1,498 tons, Stanley A Griffiths, Tacoma
23 tons, Stanley A Griffiths, Seattle
SAND—30 tons, Nabesna, Portland, Ore
SOAP—20 tons, Nabesna, Portland, Ore
10 tons, Stanley A Griffiths, Portland, Ore
SPEISS, ARSENICAL—A lot in bulk, Stanley A Griffiths, Tacoma
GRANULATED—3,800 sks, Stanley A Griffiths, Tacoma
SPRAY, TREE—46 tons, Sidney M Hauptman, Portland, Ore
TIMBO ROOT, POWD — 20 cs, Mobile City, Portland, Ore

Foreign Trade Openings

Correspondence in regard to any of the following trade openings should be addressed to the Bureau of Foreign and Domestic Commerce, Washington, D. C., or to any direct office or co-operative office of the bureau, and not to this publication. When writing give the number of the item:—

Chemicals:—Purchase and agency; Toronto, Canada (7064).

Drugs:—Purchase and agency; Santiago, Chile (7068).

Cosmetics:—Agency; Rio de Janeiro, Brazil (7066).

Glycerin:—Agency; Istanbul, Turkey (7117).

Pharmaceuticals:—Agency; Rio de Janeiro (7066).

Pharmaceuticals:—Purchase and agency; Santiago, Chile (7068).

Soap Colorings:—Agency; Rio de Janeiro, Brazil (7066).

Zinc Sulphite:—Purchase; Bogota, Colombia (7067).

Cottonseed Grading Services Expanded

OPD Washington Bureau
July 12, 1938

Despite failure of Congress to enact the Bilbo bill for compulsory grading of cottonseed and cottonseed oil sold in interstate commerce, the Bureau of Agricultural Economics is continuing and expanding its voluntary cottonseed grading service and expects to get virtually 100 percent cooperation of all oil mills during the year. Last year the grading service was largely concentrated in the States of Arkansas, Louisiana, and Mississippi, but the work is being expanded now in States east of the Mississippi river.

Out of more than 52,000 grade certificates issued last year, only sixteen were found to be in error on appeal. Approximately $19,000 is available for cottonseed grading this year, and if this is not sufficient to employ enough inspectors and chemists to meet the demands, the bureau will call on the crushing mills to assist in supervising the voluntary grading service.

Oils, Fats and Waxes

Waxes

Continued from page 41

the fact that the schedule was too close to the prevailing cost of replacements.

Japan.—A somewhat more active market was reported. While orders were small, they were more numerous and general conditions seemed to be slightly improved.

Fish Oils

Menhaden. — New developments in the way of price changes in refined oil were lacking, the market being steady at the reduction announced in the previous week. The market was reported as more active, a further expansion being noted in the movement into local and outside consuming channels. Crude oil was stronger, sales being reported at 28c. per gallon, Baltimore.

Sardine. — Selling schedules were maintained by refiners at the reduced levels recently announced, the tone of the market being steady. An increase was noted in the call from local and outside consumers. The coast market for crude oil was quiet and firm.

Whale. — Quotations on refined oil were reduced 2 points, the market being steady at the decline. Trade was reported as more active.

LONDON, July 2.—The market for crude whale oil was firmer. Reports as to business were contradictory as a rule. Fair quantities of spot ex-tank Rotterdam were said available at £13.15/ with the possibility of £13.10/ being accepted where a serious buyer was in evidence. In other quarters it is said that following recent Government purchases up to £14.5/ had been paid, but the best indication of value now is £13.10/, although small lots have made a higher figure.

Markets at Other Centers

San Francisco, July 12.—Fish reduction operations in Oregon and Washington were getting closer to actuality today when it developed that a period of negotiations between representatives of the fishermen and a group comprised of reduction plant owners had resulted in the two factions drawing closer to an agreement on tonnage prices for raw sardines for the new season. The fishermen, paid $13 per ton last season, had been holding out for $15 per ton this year, while the price originally set by the shore plant owners a short time back was $8 for this season. The plant owners have now compromised to the extent of $9, while the fishermen have indicated they would be willing to work for $12. A figure somewhere between these two is expected shortly to put operations into effect.

The compromise, when effected, will probably stand as the rate for California reduction operations, also, it is pointed out, although the plants in this state, through their owners, have so far not negotiated for California operations. The season here will legally open August 1. Oregon and Washington have no seasonal restrictions, fishing there being done as early as the run of fish permits, provided labor settlements are made.

Meantime, with the settlement of the Alaska herring situation, boats have already reached the fishing grounds and went out the night of July 8 for the first time. The catches have been reported as running light.

Insofar as marketing operations are concerned, sales have been quite slow, it is reported. California, Oregon and Washington oil, is in a nominal position today, with 30 cents set as a probable figure Only a few plants are actually willing to sell.

Baltimore, July 14.—At least seventeen tanks of crude menhaden oil were disposed of. Some of these tanks were on hand; others were booked on a when-and-if-made basis at the uniform price of 28c. per gallon at factory. This is an advance of one cent over the last previous business concluded, and indicates that at least some of the buyers have become a trifle nervous over the prospects and proceeded to make sure their wants will be covered. At that there was a complete absence of speculative business, the buyers being persons with immediate needs to take care care of. It is reported that a number of other tanks were offered at 30c. per gallon, but that the tender was declined by one of the big buyers, who seems content to wait on the chance that he can get supplies under the figure mentioned. Some catches have been made off the Jersey coast, it is said, but all in all the hauls attained no impressive proportions, and it is also said that the fish caught are yielding no great amount of oil. The quotations on refined oil remain at 53c. to 55c. per gallon for light pressed, 55c. to 57c. per gallon for light bleached and 57c. to 59c. per gallon for yellow bleached supplies.

Fats and Greases

Grease.—The situation here continued to be characterized by a firm tone. Local stocks were said to be unusually small and the situation at other centers was reported to be similar in this respect. There was a somewhat better inquiry.

Lard. — Cash quotations moved in company with futures, changes from day to day generally being moderate. There was a fair demand from domestic interests. The export movement was reported as more active. Stocks of lard in cold storage in the United States increased 2,542,000 pounds during June, bringing the total on July 1 up to 126,123,000 pounds against 123,581,000 pounds a month ago and 185,124,000 pounds a year ago.

Stearin.—The market retained a firm tone. There was a fair demand. Offerings were reported as light.

Tallow. — A firm tone continued to prevail although sales were reported as lighter, some large consumers being inclined to hold off for further developments in the markets for other commodities. Offerings were light throughout the week. The last transactions reported were at 5⅜c. for extra. Markets at outside points were reported as firm.

Trading in tallow futures on the New York Produce Exchange from July 9 to July 15, inclusive, comprised 34 contracts, a total of 2,040,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.
September	5.85	5.80	5.75@5.90
October	6.00	5.80	5.85@6.00
December	6.00	5.95	6.00@6.15

Markets at Other Centers

Chicago, July 15.—Cash lard higher and the tone more buoyant. Buyers are now showing considerable interest in the situation, and movement is reported somewhat better. Shipping trade is fair.

The range of lard quotations from the opening Saturday, July 9, to the close Friday, July 15, is shown in the following table:—

	Per 100 pounds— Open.	High.	Low.	Close.	Previous Friday.
Cash	$9.15	$9.30	$9.15	$9.12	$9.00
Oct.	9.17	9.55	9.17	9.35	9.17
Dec.	9.10	9.42	9.10	9.20	9.00

TALLOWS (tierces).—Edible, 6⅝c. to 6¾c. per pound; prime, 5¾c. to 6c.; fancy, 6c. to 6¼c.; special, 5⅞c. to 5⅝c.; special, 5⅜c. to 5⅝c.; No. 1, 5¼c. to 5⅜c.

GREASES (tierces).—Choice white, 5¾c. to 6c. per pound; A white, 5¼c. to 5½c.; B white, 5⅛c. to 5¼c.; yellow, 10-16, 5c. to 5¼c.; yellow, 16-20, 4⅞c. to 5c.; brown, 4⅝c. to 4⅞c.

STEARINS (barrels).—Prime oleo, 7¼c. to 7½c. per pound; lard, packaged, 9¼c. to 9½c.; A white grease, 5¼c. to 5⅜c.; yellow grease, 4⅞c. to 5c.; extra oleo stocks, 8¾c. to 9c.; No. 2 stocks, 8½c. to 8¾c.

Liverpool, July 15.—Quotations per cwt. on refined American lard were as follows:—

	Spot. s. d.	July. s. d.	Sept. s. d.	Oct. s. d.
Saturday	48 0	44 0	45 3	46 0
Monday	48 6	44 3	45 9	46 3
Tuesday	49 0	44 6	45 9	46 3
Wednesday	50 0	45 0	46 0	46 9
Thursday	49 6	44 6	45 6	46 0
Friday	49 0	44 0	45 0	45 6

Liverpool, July 15.—Quotations per cwt. on tallow were as follows:—

	Choice. s. d.	Fine, good mixed. s. d.
Saturday	20 6	18 0
Monday	20 6	18 0
Tuesday	20 6	18 0
Wednesday	22 0	18 6
Thursday	22 0	18 6
Friday	22 0	18 6

Animal Oils

Degras. — The market retained a steady tone. A somewhat better inquiry was reported for both crude and neutral. Supplies of domestic were said to be unusually small and offerings of imported continued light.

Lard. — Previous selling schedules were adhered to by producers, the tone of the market being steady. There was a fair movement of moderate lots to local and other consumers.

Neatsfoot. — Consumers were not inclined to purchase ahead to any extent but there were reports of a better inquiry for small or moderate quantities. The market was steady.

Oleo. — Quotations were stationary but the tone of the market was regarded as steadier. There was a fair movement to local and outside consumers.

Tallow. — The market was steady at former price levels. There was a fair demand for moderate quantities.

Business Wants and Offers

Minimum rate (36 words), without display, $2.00 per insertion; 25c for each additional 6 words

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Agencies Wanted

IF YOU are producers of raw materials used in the paint, ink, rubber, paper or other industries and would be interested in representation by an established Cincinnati firm, kindly address BOX 919, Oil, Paint and Drug Reporter.

CHEMICAL selling agents and representatives handling industrial and drug chemicals in metropolitan New York area for several large, well-known manufacturers are interested in additional products. BOX 925, Oil, Paint and Drug Reporter.

Buildings Offered

BRICK BUILDING—One story, 6,000 sq. ft., 17' headroom, no columns, concrete floor, railroad siding, yard, live steam available. Unrestricted district 15 minutes to Manhattan. Low Rent. The R. L. Kraft Company, Woolworth Building. COrtlandt 7-9377.

Equipment Offered

CONSOLIDATED OFFERS.—One solid nickel jacketed agitated vacuum still 100 gallons; ten No. 3 Rotex sifters, motor driven; two 24 inch Mikro pulverizers; twelve vacuum dryers, shelf and rotary type; nine W. & P. mixers; five Sweetland filters; twenty plate type filter presses; thirty centrifugal machines; miscellaneous: rotary dryers, pulverizers, jacketed kettles, etc. Send for complete listing. We buy and sell from a single item to a complete plant. Consolidated Products Co., Inc., 15-17-19 Park Row, New York City.

FOR SALE—Two 6x8 pebble mills, 16x40 roller mills, 12x30 roller mills, 9x24 roller mills, 15 to 40-gallon pony mixers, lead mixers. Sell us your surplus equipment. Irving Barcan Company, 30 Church street, New York City.

Equipment Offered

LIQUIDATING SEVERAL large plants—4 600 gal. Buffalo vac. crystallizers; jack, agit. vac. stills from 25 to 2,000 gals. glass lined and steel; storage tanks from 25 to 2,100 gals., glass lined and steel; 3 ft. x 15 ft. rotary vac. dryer; Hardinge conical mill 6 ft. x 36 in.; pebble and jar mills from lab. to 250 gals. capacity; filter presses up to 36 in. square; Stedman 42 in. disintegrator; W. & P. jack. mixer, size 15; tablet machines ½ in. to 2 in. single punch and rotary. Mixers, crushers, pulverizers, roller mills, etc. Send for complete listing. We buy your surplus machinery. Stein Equipment Corp., 426 Broome street, New York City.

Materials Offered

FOR SALE.—5,000 gallons of high grade lacquer enamel in three shades of grey. Can be used on machinery, wood or concrete, etc. Can be applied with spray gun or brush. Samples sent to responsible parties. Price very low for entire lot. BOX 908, Oil, Paint and Drug Reporter.

Mineral Paint

NINETEEN YEARS of weather on mineral paint job on packing plant proves its worth. Machinery, deposit, and warehouse for sale cheap by estate. Address Box No. 1268, Roseburg, Oregon.

Plant Space

SUBLET PART of plant—Complete paint manufacturing plant including mixers, grinders, centrifugal machines. Also cooking and fusing burners and equipment. Ideally located and well laid out. Ample space and use of machinery to right party. X-Pando Corporation, Long Island City.

Positions Vacant

PHARMACEUTICAL CHEMIST with practical manufacturing experience wanted by reputable Montreal manufacturer. State education, qualifications, all past employment, wages. BOX 918, Oil, Paint and Drug Reporter.

DISTILLER wants man to sell anti-freeze and industrial alcohol. Must have following. Answers kept confidential. BOX 922, Oil, Paint and Drug Reporter.

CHEMIST—Practical not theoretical experience in vegetable oil refining, washing, bleaching, deodorizing and hydrogenating coconut, cottonseed, sesame oils for making shortening. Position is in South America. Give details as to experience, etc. BOX 924, Oil, Paint and Drug Reporter.

THOROUGHLY TRAINED wholesale merchant required. Must be thoroughly familiar with buying and selling heavy chemicals, raw materials, by-products, etc. Must be able to develop a trade with a newly established firm in New York City. Write full particulars to BOX 917, Oil, Paint and Drug Reporter.

Positions Wanted

PHARMACEUTICAL CHEMIST, twenty years experience in originating, packaging and manufacturing pharmaceuticals. Special formulas bringing fifty thousand dollars yearly to present employer in south. Wants position in north. Nominal salary and commission. BOX 911, Oil, Paint and Drug Reporter.

EXPELLER OPERATOR.—Position wanted with expeller processing plant. Experienced with the installation, operation and maintenance of Anderson expellers. Knowledge of complete operation of a pyrethrum extract processing plant. BOX 915, Oil, Paint and Drug Reporter.

Positions Wanted

CHEMIST M.S Degree Johns Hopkins, desire to make change; six years with largest effervescent salt manufacture in country; wide experience in tablets; two years as production manager in manufacturing pharmaceutical house; know cost; excellent reference. BOX 909, Oil, Paint and Drug Reporter.

PHARMACEUTICAL CHEMIST. Ph.C. B.S. 18 years' thorough experience all branches of pharmacy. Analysis, chemical control, and manufacturing. Formerly director of chemical laboratory. BOX 920, Oil, Paint and Drug Reporter.

SALESMAN—Paints, varnishes with executive selling experience and good following in the metropolitan area among leading jobbers, retail paint dealers, parquet flooring trade, etc., wishes connection with A1 manufacturer; commission basis. BOX 921, Oil, Paint and Drug Reporter.

CHEMIST—Recent graduate, B.S. in chemistry with some experience in paint and varnish laboratory desires opportunity in paint or related field. Salary secondary, location immaterial. BOX 923, Oil, Paint and Drug Reporter.

Services Offered

CHEMISTS and chemical engineers—If you are now unemployed, send your complete chronological record of education and experience to Chemist Advisory Council, 300 Madison avenue, New York City.

Surplus Stock

BUYERS of any quantity surplus or by-product chemicals, greases, waxes, oils, solvents, colors, metal and all raw materials. We pay highest prices. Will also buy complete plant inventory. Write Barclay Chemical Company, Inc., 75 Varick street, New York City. WAlker 5-4250.

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****See "Equipment Offered" above for our Classified Listings.***

Wholesale Bargain Page

No buyer looking for a bargain need buy a pig in a poke. A daily bulletin of Auction Sales is maintained on the next-to-last page of the New York Herald Tribune. These announcements are your assurance that you are dealing with long-established, and regularly-used auctioneers. Remember — in the Herald Tribune daily.

(Send to Herald Tribune, Department D for Directory of Auctioneers and type of merchandise in which they specialize. No charge.)

Petroleum Solvents, Lubricants. Fuels

Markets at Other Centers

—Continued from page 52

Chicago, July 14.—Demand for gasoline continues to run at high levels, so far as retail gallonage is concerned. With the exception of some of the large city areas, retail sales seem to be reflecting the better feeling now existing as to general business conditions. The contract orders for tankcar shipments also are heavy, and some refiners are extremely low on supplies of material, it is reported. Retail price cutting in some areas is still a bad situation. Kerosene and tractor fuel movement has been brisk here recently. Distributors are beginning to place orders for domestic fuel oils for next season. Heavy fuel oil is in better tone. Buying of lubricating oil has been irregularly better lately.

GASOLINE.—Low octane motor, 4¾c. to 4⅞c. per gallon; 63-65 octane motor, 5c. to 5⅛c.; 67-69 octane motor, 5¼c. to 5½c.; 70-72 regular, 5½c. to 5⅝c.; 60-62 gravity, 400, 4¾c. to 4⅞c.; 64-66, 375, 4¾c. to 5c.; 68-70, 360, 5c. to 5¼c.

KEROSENE.—42-44, water white, 4½c. to 4⅝c. per gallon; 41-43, water white, 4¼c. to 4⅜c.

FURNACE OILS.—Range oil, 3⅞c. to 4⅛c. per gallon; No. 1 white, 3¾c. to 4c.; No. 1 straw, 3⅝c. to 3⅞c.; No. 2 straw, 3½c. to 3¾c.; No. 2 dark, 3¼c. to 3½c.; No. 3, 3¼c. to 3⅜c.; 32-36, dark, industrial gas oil, 2¾c. to 2⅞c.

FUEL OILS.—No. 4, $1 to $1.10 per barrel; No. 5, 70c. to 80c.; No. 6, 60c. to 70c.

New Orleans, July 12.—Firmness was again the keynote of the domestic market with all prices remaining stationary. U. S. motor gasoline was quoted at 6½c.; below 62 octane, 6⅛c.; 63-67 octane, 6⅜c.; and 68-70 octane, 6¾c.—all per gallon at refinery.

Kerosene continued at 7⅝c. per gallon, refinery.

Bunker C fuel oil was quoted at 75c. per barrel at terminal and 80c. per barrel delivered alongside, while industrial plants were quoted at the rate of $1.46 per barrel, delivered.

Fine Chemical Lines Desired

A visitor from the Union of South Africa, who is expected to arrive in the United States about the middle of September for a stay of one month, is interested in obtaining lines of fine chemicals. Details regarding this vistor are available to accredited American firms at the Chemical Division of the Bureau of Foreign and Domestic Commerce, Department of Commerce, Washington.

Consolidated Products to Sell Preston Equipment Piecemeal

The Consolidated Products Company this city has just purchased the complete manufacturing plant, machinery and equipment formerly owned by the J. B. Preston Company, of manufacturer roofing granules in both natural and artificial colors, located 25 miles east of Glenn Falls, N. Y.

The equipment will be liquidated piecemeal by the Consolidated Products Co. Some of the principal items in the factory are three jaw crushers, eight sets of crushing rolls, ten vibrating screens, motor driven hoists, paint mixing equipment and rotary dryers.

Flaxseed Crop July 1 Estimate Up

The Department of Agriculture estimate as of July 1 of the 1938 flaxseed crop was 7,631,000 bushels. This compared with an estimate at this time last year of 7,622,000 bushels and with a final production last season of 6,974,000 bushels. The average production for the ten years 1927-36 was 13,751,000 bushels. The acreage for harvest in 1938 is estimated at 995,000 acres, compared with 924,000 acres in 1937. The yield per acre in 1938 is estimated at 7.7 bushels, compared with 7.5 bushels in 1937.

Details of the July 1 estimate with respect to the several producing states follow:—

	Acreage		Bushels				
			Yield per acre.		Production		
	1937.	1938.	1937.	Ind. 1938.	Average, 1927-36.	1937.	Indicated 1938.
Michigan	8,000	9,000	8.0	10.5	59,000	64,000	94,000
Wisconsin	4,000	6,000	10.5	11.0	72,000	42,000	66,000
Minnesota	453,000	448,000	9.0	9.5	5,572,000	4,077,000	4,256,000
Iowa	8,000	10,000	11.5	10.0	162,000	92,000	100,000
Missouri	5,000	3,000	4.0	5.0	14,000	20,000	15,000
North Dakota	286,000	334,000	5.0	5.0	4,896,000	1,430,000	1,670,000
South Dakota	53,000	55,000	4.3	5.5	1,720,000	228,000	302,000
Kansas	57,000	62,000	5.8	6.0	240,000	331,000	372,000
Montana	10,000	36,000	3.0	5.0	796,000	30,000	180,000
California	40,000	32,000	16.5	18.0	.....	660,000	576,000
United States	924,000	995,000	7.5	7.7	13,751	6,974,000	7,631,000

Current Market Quotations

—Continued from page 21

Zinc Resinate—Zirconium

Zinc, resinate, fused, pale, bbls. lb.	.10	—
precip., dms., dlvd.....lb.	.15	—
Stearate, tech., precip., bbls., ctns., c.l..lb.	.20	—
l.c.l., 1 ton.....lb.	.21	—
1,000-2,000 lbs.....lb.	.22	—
less than 1,000 lbs..lb.	.23	—
U.S.P., bbls.....lb.	.21	.25
Sulphate, cryst., bgs., c.l.100 lbs.	2.75	—
l.c.l. .....100 lbs.	2.50	—
bbls., c.l. .....100 lbs.	2.90	—
l.c.l. .....100 lbs.	2.65	—
flake, bgs., c.l. .....100 lbs.	3.10	—
l.c.l. .....100 lbs.	3.85	—
bbls., c.l. .....100 lbs.	3.25	—
l.c.l. .....100 lbs.	4.00	—
l.c.l. .....100 lbs.	5.10	—
bbls., c.l. .....100 lbs.	4.50	—
l.c.l. .....100 lbs.	5.25	—
Sulphide, bgs., c.l. (20 tons), dlvd..lb.	.08¾	—
l.c.l., dlvd. E. or ex whse., Pac. cst..lb.	.08¾	—
bbls., c.l. (20 tons), dlvd..lb.	.08⅞	—
l.c.l., dlvd. E. or ex whse., Pac. cst..lb.	.08¾	—
Sulphocarbolate, NF, bbls...lb.	.24	.26
Zinc-ammonia chloride, dms., c.l., works..100 lbs.	5.15	—
l.c.l., works.....100 lbs.	5.50	—
Zinc-iron oxide, pigment, bgs., c.l., dlvd..lb.	.05	—
l.c.l., dlvd., except Pac. cst..lb.	.05½	—
ex whse., Pac. cst..lb.	.05⅝	—
powd., bgs., c.l. .....100 lbs.	4.35	—
Zirconium nitrate, kgs., work.lb.	3.00	6.00
Oxide, crude, 73-75%, grd., bbls., works..ton.	75.00	100.00
kgs., small lots, works...lb.	.04¼	.04½
white, 98%, rgd., kgs., works, lb.	1.40	1.52

Synthetic Resins and other Branded Paint Materials

(Manufacturers' List Prices)

Note:—The list of prices previously printed weekly under the above heading is now printed once a month. The latest printing was in the July 4 issue; the next printing will be in the August 1 issue. Changes in prices—if any—made during the past week are noted in the report on the Paint, Varnish and Lacquer Materials Market, which begins on page 33.

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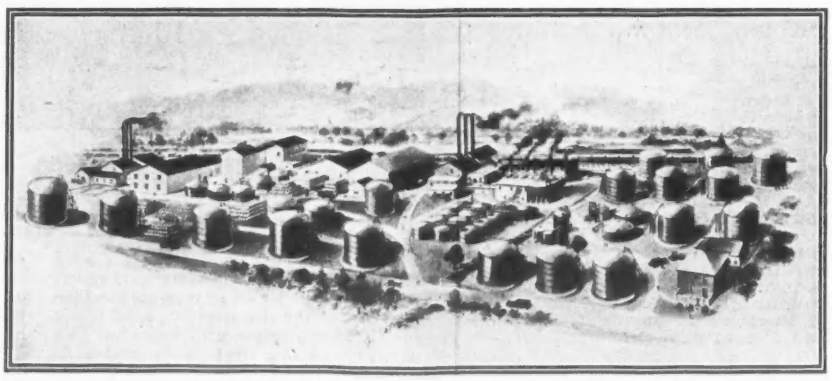

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